

SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klaus
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassam, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, Lee William
Stache-Crain, Birgit

<120> Human Genes and Gene Products

<130> 1624.002

<150> 60/188,609

<151> 2000-03-09

<160> 2396

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ggcagtacaa	agtagcatagt	atcacctagg	aactagtctt	gccaaaagca	gaggggggca	300
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an						362

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 gtaaatattat gcttaactat ccagcaacat ggtaatgggt atgtggccct taggttttta 180
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 ggtggcacat gcctgtaata ccactacta tgcagtggga ggctggataa tcacttgaac 180
 ctgggagcgcg aaggttgggg tgagccgaga tcgcaccatt gcactccagc ctgggcaaca 240
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 caactaaggt catctcttcc ttgccattaa ctctctgaac gcctgtaatc ccagcacttt 180
 gggaggccga ggcggggcgga tcacgaggtc aggagatcga gaccatcccg gctaaaaacgg 240
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ttctgtaatc	cgagcacctt	gggaggccaa	ggtaggagaa	tcctttgaag	ccaggaattc	240
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gacgagtgtg	atacctacaa	gcttatnact	tgggaggcct	gctcttgtag	tatcgcttgt	180
atcttttggg	gggtgtagac	tatatgttct	ctgttttctt	ttttctctt	tcttttttta	240
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gaacgggagg	agatttgcta	taggaaagtc	ctaaaaataa	ggaaaagtga	tgagccctaa	180
taaacaaagta	gtgtttttga	ctcagcatgt	aaaaaaatga	atgagctatg	accaggagat	240
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<212> DNA

<213> Homo sapiens

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tgatttcggct	gccttggcct	cccaaagtgc	tgtgattacc	agcgtgagcc	gccgtgcccg	180
gccactagcg	gcatttaatt	aaagagatct	tggcgccgtc	tctcgtatac	tattgcctct	240
aaccttgccg	gtgacctgc	ctgatcccta	gtctgcttat	tggataaacg	gggagtctct	300
tgctttcaca	aggtttgatc					320

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<211> 353

<212> DNA

<213> Homo sapiens

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 tctactatgg agggagaggc tggataatca ctggaacctg taggcgaag gtgtgtgtga 180
 gcgcagatcg caccattgca ctccagcctg ggcaacaaga gcgaaactac gtctcacaaa 240
 aaaaaaaa aaaatctttg ggcccggttt ttaaatgaac tcgacatgga agcacacact 300
 ttagagcttg ggcacacccc aaagcttgag cggcgggaaa aaattgtttt ttg 353

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 <211> 349
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 cagcattctt ggctaagata aatgaggctg ggcacagtag cttatgcctg taatcccagg 180
 actttgggag gcctagggtg gaggatcact tgagctttag agttctagac tagcctaggc 240
 aacatagcaa gaccctaact ctaaaacaat tttttttttt ttttttttga gaagagtttc 300
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 ttttttccaa aggggacttt ttctgtaacc ccataatgt tttatgcttc ttataggag 180
 tttatataat ttgtcattgt attggaatca tttaggtaat tgtcttatct tcatgtctag 240
 agtgtaaagt cttaaaggta aagacagtggt tattcagtta attatctccc caaataccta 300
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 ttaagctatc acatttagtg cctatggtag gcaactaaat aagggt 405

<210> 17
 <211> 307
 <212> DNA
 <213> Homo sapiens

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 ggaattgatg tatagacggg tttttattgt tttttccac attttctttt tttagtattgc 180
 ctatatttcc tcggcatctt gtaccataata gtgtgcggtt aaaaaattgc ctggcaacat 240
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<210> 18
 <211> 138
 <212> DNA

<213> Homo sapiens

<400> 18

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ctgatggg	agccatgcc	gatagaggga	tatatgatgt	taaatctagt	aggattactg	120
gtggagccgc	ttgaatcg					138

<210> 19

<211> 324

<212> DNA

<213> Homo sapiens

<400> 19

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cacgaaacaa	cccccaata	tggtagaata	aatgcctatt	tctaagggtc	tatagtcttc	180
caatgcacac	cttcaggttc	agacttagac	aagacaaaa	tatactttag	ttctaatac	240
cctctctaa	acaccacggc	agagtgcact	cccaacctct	accatacata	gcggaaaggc	300
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<211> 280

<212> DNA

<213> Homo sapiens

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<223> n = A,T,C or G

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cacgaaacaa	cccccaata	tggtataata	aatgcctatt	tctaagggtc	tataagggtc	180
ccaatgcaca	ccttcaggt	tcagacttag	acaagaccan	aataactatt	agtttctaac	240
acctccttaa	agacaccacg	gcagagtga	ctcccaacct			280

<210> 21

<211> 317

<212> DNA

<213> Homo sapiens

<400> 21

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ctcaggacac	agtgatttcc	aaagctcacc	atgtgattcc	aaggtatgtg	catatttgag	180
agcctttgcc	ttaaaagaag	gagcagggtga	ctcatactag	caagatagtg	aacagatcac	240
caggccagcc	ttgtgggtag	aaataatcgt	gacactctga	cactgtttctc	tactaagtta	300
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<211> 231

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<213> Homo sapiens

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 agggccctgg cctcaaaaag gggtcagttg gtatttagca atttcaagg cctacattnt 180
 ccttgctcat aaaattagg gctcagacag atgattttga ggtttctctt g 231

<210> 23
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 23
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 atgaagcttc ttctgggttg aaacttgta aatttcata ggaagaagt gctaaagtga 180
 acctgtaaac ttgttttcaa aaaacaaaaa ccgaagttaa agaatctaa agatggtgtc 240
 agccttagac agatctctgg actgtaatct gggaaaggtc aaataagatc tccaatcgtg 300
 tacaattcca aatacathtt agagcagttg gtctgaaaa gtggttccca gaccagcagc 360
 atcaacacca tgaaggaggt tgtt 384

<210> 24
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 24
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 tccgaaagt ctgggattac aggcgatgag caccatgcc ggcgatgtc tgcattttca 180
 taggtgacca ctgaggtcta aaagcatcac tatttccaat cactattcca aaggcattaa 240
 ctctgtatg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg 300
 agacagataa catatttgcta ggtgctcagt ctgcaacgat gtattggact 350

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 <212> DNA
 <213> Homo sapiens

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 tattgtctct ccttgcact tattcgctg 149

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 <213> Homo sapiens

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 gggagagctt cagtgcgcgc agattgcgcc actgcactcc agcctgggtg acagagcaag 180
 agtccgtctc aaaaacgaagc agcgcataaa agaaggacga aaccacgcc aaccaaccaa 240
 aaaaaaccca aaaaacccaa agtaacggag gtggccgagg gagctgggga taggggagga 300

gtccaaacac ctgggagcta gaagtttctg aaaactgtaa gtcttttgggt gtcactaaaa 360
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<211> 388
<212> DNA
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actccagtct ggccaacaga gcgagactcc atctcagaaa aaaagaaaaa aagactgggt 300
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<211> 237
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<213> Homo sapiens

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ggggttgggc caacccccct tttaatgggc gggaaaaaaa ggggtttttt ggaaaatttg 180
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ggggggtttg gaccaccccc cccttaaaag gcggggaaaa aagggttttt ttgggaaaaa 180
tggggagctt ttgtttttat tgacccctt a 211

<210> 30
<211> 282
<212> DNA
<213> Homo sapiens

<400> 30
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aattatttta gccggtaaac ccgggaggga aaacctctcc aattccgggg catgggcttt 120
aatggaaggg ggccaaaaaa acctgtttta attccacccc ttgttttagg gggccctttt 180
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 toggtagccg ttctgatttt atttagtgga tttaatcgct tgggaaggag gttctagccg 240
 cagccaatct tacagacgag cagaatatta atctattttg tgccgactta aggcacgcat 300
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 cccagatggt gaagttgcag tgagccaaga tgggtgccact gcactccagc ctgggttgaca 180
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 <213> Homo sapiens

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 cccccagag gacatttggc aatgtctgga tatgtttgca attgtcacia ctaggagagg 300
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 caggagaagg cccccacc 377

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 <213> Homo sapiens

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 ttgccagaga atgctctctg cttttcagga ctacagataat tttagccttcc caggtaatcc 240
 cggataatca atctactttg agatccatcc cctttaatca catctgcaaa gacctttttg 300
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<213> Homo sapiens

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ttctaggata ttatgatata acagaagggtg ctggaaggta tctccaagaa tggcccttga      180
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<210> 36
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cttggccaga ttttacctaa tgaagattct gcagcagtag gaacttgctt agagtacat      180
cgtcaaaagt ggagctagaa tctgtaagca accctggctct ctactcttta ccaactgtgc      240
atggctactg atggctgctc tcatttatgt ggtgaaattt caaagtacta ttttttatgt      300
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aaatctgtaa caccgctggg aacgaactggg tcccctttag gtcccttagg acagcgtttg      180
aaatcttctt ttcccttgca gggatccagc accggctcct cctccggcaa ccacgggtggg      240
agcggcggag gaaatggaca taaacccggg tgtgaaaagc cagggaatga agcccgcggg      300
agcggngaag ctgggattca gggcttcaga ggacagggag ttccagcaa catgagggaa      360
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<400> 38

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ggaatgtgga	cacacatatc	agaactttca	tgcttacttt	ctcaggatgc	ttgtgatctc	60
aaagttagga	caggagttaa	tttcaaaggc	caaatggaaa	attagcaaca	atccccattt	120
aagggcttat	aaagagtatc	agaatcattc	ttgggggttg	gccggncatg	atggctcatg	180
cctgtaatcc	tggcacttcg	gaaggcacaag	gaggggtggg	cacctgatgg	caggagtctg	240
agaccagtct	gggcaacatg	gttataccct	gtgtctactt	gccaaccccta	aatttactta	300
gcgataaagg	gggggtccct	tttag				325

<210> 39
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 39						
cgttgctgtc	ggaaccaatg	gatgtcagta	ggagtttctg	ttaaagtctc	ccttgatggg	60
gactcagtac	tgtgtagaga	cgctgtgttt	ctcttctggg	ggtgtgcac	agaaccactg	120
gggctcttta	aaatctacag	atgccggccg	ggcgccgtgg	ctcacgcctg	gaatcccagc	180
acttggggag	gctgaggcgg	gcggatcaca	agcgaggagaa	attgagacca	tccttgcaca	240
tatgggtgaa	ccccatctct	acaaaaataa	caaaaattac	cggggtgtgg	ggcggtgcac	300
acctccacgc	tacttgggag	gctgaggcag	gagaatcgct	tgaaccgggg	aggcaaaagt	360
tgcatgtgag	cgagatcacg	ccactgcact	ccagcctg			398

<210> 40
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 40						
agacagtgtt	ccaccatgtt	ggccaggctg	gtctggaact	cctgacctca	agtgatctgc	60
ccacctcaac	ctcccaaagt	gctgggatta	caggcatgag	ctgtgacacc	catcgtgtct	120
aatttttgac	agataaaaatg	atttcatgat	ccaacatttc	cttaccagtg	agggattcaa	180
taaaatacca	atttctcagag	ggcctttaca	cttctttttt	ttttttttct	aaagaagatt	240
gtttattacc	cacgagataa	ttttgaaaag	ccatcatttt	ttttctgctt	gtgaccggaa	300
aaaacgtcca	gtgttctcgc	gatttctttc	atctcttttn			339

<210> 41
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 41						
cgctaggaaa	tgctgccctc	acactcgagt	cagctcatct	gctccgggct	gtgtctgctc	60
ggcaaacactg	acaaggggcaa	gcgatccac	acctctcaca	cagaactctt	agaaaaagatg	120
ggcctctcca	ggctgggttg	ctcacactgg	taatcccagc	atttccagggg	ggcgaggcag	180
gtggatcatg	tgaggctcag	acttcaagac	cagcctgacc	aacatgggtga	aatcccatct	240
ctactaaaaa	tacaaaaata	aataaataaa	ataaaaaata	gccgggcgca	gtggctcagc	300
cctgtaatcc	cagcactttg	ggaggctgag	gcagggtgat	cacaagggtca		350

<210> 42
 <211> 360
 <212> DNA
 <213> Homo sapiens

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<400> 42
ttggggaggcc gaggcggggtg gattatttga ggtcagtcgt tcgagaccag cctgggccaac      60
atgggtgaaac ccgcgtctcta ctaaaaatac aaagattagc tgggtgtggg gacgtgcctg      120
taatcccaagc tactcggggag gctgagggctg gagaatcgct tgaacccatg agctgagatc      180
acaccactgc gcttcagcctt gggccacaga gcgagactcc gtctcatcaa aaaaaattct      240
atgaccctgt tctataaatg ataagatga gagagaaagc acccagggtt tcaaatgctt      300
tatgcctgct gggactaaact ttgcccatat attgtgctaa atactttcca ttaagtctcc      360

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<210> 43
<211> 353
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

```

```

<400> 43
gattacaggc gtgcaccacc atgcccagct agtttttcta tttttaatag agatgaggtt      60
tcacctgtgt ggcagggtct gtctcgactc ctgacctcag gtgatccact cactctggcc      120
tcaccaaggt ctgggattac aggtgtgagc cactgcgccc ggctactac atacatttct      180
aannnnnnna nnnnnnnnnn nnnnaaaaag gggggcgctt ttttcctaa acccaaaact      240
gaaaaaaccc ttgggggggg tgcccccccc ccccttaaaa tggcggggaa aaaagggttt      300
ttttgggaaa attggggcgg ctatgcgttt tttggcccc cttagagccg gca          353

```

```

<210> 44
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<400> 44
gagaatcgct tgaacccggg aggtggagggt tgcaatgagc caagatcgca ctactgcact      60
ccagcctcgt tgacacagct acactccgtc tccctactc gccaaaaaca aaaaacaaaa      120
aaaagagtgc agagaactgg aggtggcggg aaaagcgctt ggattctcct ttgacatgct      180
cttcctcgtc aagatgggat cccttggaaa attttaagtg gaaaagtgac acgatttatg      240
gctgagtgca gcagctcacg ccgctaattc cagcactttg ggaagctgag gcaggcactt      300
tgggaggctt taggtcagga gttcaagacc a          331

```

```

<210> 45
<211> 348
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

```

```

<400> 45
attactgata tgggggggtat ggtctagtcg ctgtgctgag caatttcatat aactgggctt      60
tttctatcct cacagcatag cctttgagat aggtatgtgg aactattccc attttacaga      120
taaggatcct gaggcttaga gagtccaagt gacctaccac agggcacatc actgataaag      180
ggcagaggtg ggattcaaac ccacatctgt cagggtgcaag tgcaaggctc ctctctctca      240
tgctcactgc ctgctgggga atagggtact ggggacatac cccagggagc ccttccccat      300
gtctgagtc ccagntcatc ccatgctgct attttgctct cccaggag          348

```


<210> 46
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 46	
gattacaggt gtgagccatc ggcctctggc cctgcaactt atctttctat atttctcatt	60
tttcacatga aaaggttggt ctattgtatc tgattttatg gaagctgtgc tctgtatttg	120
tgggttctga aattgtgctt atgatatgac tcattactga ttgtttcaca tcttagagat	180
gaggttagac tgaaatgtgg accggaagcc tatttttggg ttccaattta aaaaaataag	240
ccaggccgag tggctcaagc ctgtaatccc agcacttggg gaggccaagg caggcggatc	300
atgaggtcag gagattgaga ccatctctggc taacatgggt aaacccccgc tatactn	357

<210> 47
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 47	
tcctgcctca gcctcctgag tagctggggac tgtaggcgcc caccacctcg ccccgctaatt	60
tttttggatt tttatgtagag acagggtttc accgtgttag ccaggatggc ctogatctcc	120
tgacctgtgt atccgccgcg ctcacacctcc caaagtgtcg ggattacagg cgtgagctgc	180
cgccgccagc catataaactt ctacgaactt ctacgagaag taagggaata gtttctaatt	240
cctgagaaag tattatgatg acagatccta tttctttat tcactagatg atacttagtg	300
tacacataat aagttagtgt tcaagaattt ttttttttcc ttgagatgga ggc	353

<210> 48
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 48	
gtagagatgg ggtctcgccta tgtcgcccag gctggctctg agctcctggc ctcaagcgat	60
cctcctgcct tggctcccca aagtgcctggg attacaggca tgagccacaa ggcgcggcct	120
ctctctctct attgggatgac cagtctctcg agactegaaa ctgtgcccca ggccttggcc	180
atactgataa atacttaggc cctacaggag ttctgtgtcca tgaaccagat acacgcaatt	240
cctcagcctt aaaaactagt cactgactca tttcaggccc cagcacagac gaaaacaagc	300
cattctgttt gccagatta cattgcgggt ctccaagaag tggaatgttc accaat	356

<210> 49
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 49	
gaggggagct aaaaggggaat ggaggggaga ccagcaggag ctctgtctgc ccgattctgg	60
tttgggctgt gagacagtca ttgcattttt ttgcacagtt ctggccacac agtattttaag	120
aggctttgcc tacagacctg agtgactgtg tgaatgggtg cactgggtga tacggggagc	180
cctgaggagg aacagatttt agacttgtcc acctaggact cctgtggga ttgccagtat	240
cacctctctt cgtcataat tccagcttg cctgggggag gccagggggt agcatggggt	300
tgggtttccc ctatggttca aacaccaacc catctgtctc gg	342

<210> 50
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 50	
gcaattgggc atagaacctt ccaactgagc agcgaaggta tcaggatgca gtgtataatt	60
taagacatca aataaagctg acaagcaaag acaataatgg agacttgggg ttaaatagc	120
tgactggagt cagaaacctt gggatctgca tacaaagtaa acattaaaca ttgggatgca	180
gtccaggcat ggtggctcga cctgtaatc ccagcacttt ggaaggccga ggtgggtgga	240
tcatttgacg tcaggagttc aagaccagcc tggccaacac ggtgaaaccc catctctact	300
aaaaan	305

<210> 51
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 51	
gttataggcc ttttgccttt cttagcatat ggggggaggt ggaattacta tcgtagtcac	60
aaatgaccaa aacaggactt cccaatatct atttatttta gcccggtgtc cgcgctctct	120
gccg	124

<210> 52
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 52	
gcaccaatgt gaagaaccac aaacattggg tctgggagaa ggcttctgag gtggcttcca	60
cagtcctatgc aagggaacaca gagaagaaca aggcctcacag caagtaggat ggcattggtaa	120
aaaacaaaaa gaagaaaata aaaaangggg gcccccagaa aaaaaaaaaa ggggtcccggt	180
tggaaaaaaa aaacaaagggt gtccggttgc aaaaaaaa	218

<210> 53
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 53	
agtgcagggg aatggaatgg aatggaatga aatggaatgg aatcttccgg aatggaatgg	60
aatggaatgg aatggaatgg aatggaatgg aatgcaatgg attcaactcg attgcaatgg	120
aatggaatga aatggaatgg aatggaatgg aatggaatga accagaatag aatggaatgt	180
aatggaatgg aacggaacgg aacggagcgg aacggaatgt aatggaatgg aatggaatgg	240
aatgcaatcc acgtctattg catttctttt gtatgggaat ggccactaac cctgttccgg	300
aatggatagc gtaatggatt cggaaccgga gggggaacac ccaccccgta ttgattatat	360
gatagttaat ttg	373

<210> 54
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 54
 cggtgctgtc ggggagattg agaccacggg gaaaccccg cttactactaaa aatacaaaaa 60
 attagccagg catgggtggcg ggcgcctgta gtcccagcta ctcanagagg ctgaggcagg 120
 agaatggcat gaacctggga ggtggagctt gcagtgagcc gagatcgccg cactgcattc 180
 cagcctggcg gacagggaga ctctgtctca aaaaaaaaaa aaaggttaaa ataaaaataa 240
 cccggggggt taaagggaaac cttaaactct tgggtttttc gggaaaccca tcagggggag 300
 ggggggttgg ctttgtggga ggaaggggcc cagggtttct aaaggcctgg aaataatttt 360
 taggggataa aggcctccat caagagactt ttggg 395

<210> 55
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 55
 cccagggttca agtgattctc ctgcctcagc cttccaagta gctgggatta caggtgtgca 60
 ccaccacggc tggctaattc catgcctggc tctcttactg taaatgagaa taagaaaagaa 120
 tatactctgc tcaaatgtct agtataatag catgtctcaa aatagaaaat tgggcagagt 180
 gttoataggg ttacagagac tcagctggat gttaaaatca cccagggtct aggcctgggtg 240
 caatggctca tgcctgtaat ccacagcact tgggaggccg aggcgggtgg atcacaggg 300
 cag 303

<210> 56
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 56
 ggggatgcta gatgactcca tcagccaata tgtagcatt atctagaggc cttatgtgaa 60
 gtctagtgg tctttccag ttctatgact ttaaacatac aggtgaatca gagcttcagg 120
 aaggcctaga ccaacagcta ttactgaagc toccatttgt gcttaggact atgcatagag 180
 aaactctctt ttgggacttg gttagggtcc aaagccctaa ggtcaaaaaca ctaatt 236

<210> 57
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 57
 gggatgcatc cccattcccc tctccccaga ctggaagctc ttaaagggca acacttatat 60
 ctctatttag cttgtattcc ctgcacaggg taagcattag gtaactgctt gctgaattac 120
 ttactttgga tttagagaaga gcgaagatat agcacataaa agttactgaa cagtacagtg 180
 tcaaacctag atcttagata aaatggttgt gtaacactgc tgtgctaagt agtccattct 240
 gccccaaagt caagaacagg agaatatgct tgtccatagg tatgctcagg aactctctag 300
 ggagtaaac aatcagc 317

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<210> 58
<211> 315
<212> DNA
<213> Homo sapiens

<400> 58
gattacaggc gtgcaccacc atgcccagct agtttttcta tttttaatag agatgaggtt      60
tcaccttggt gccaggctg gtctcgactc ctgaccttag gtgatccact caccttgccc      120
tcccaaatgt ctgggattac aggggtgagc cactgcgccc ggccctactac atacatttct      180
aatgaaaaga aaaaaaaat taattaaagc ggggggtctt ttttctggag acccgcatgg      240
gaaaaaagct tttggggggg ttggcccacc cccattttaa tcgggggggaa aaaatggctt      300
ttttgggaaa ttgtg                                     315

<210> 59
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 59
ggcacgaggg gaggcccaag accctttcag ggaggatctg tgaggccaac tggttgacct      60
gtggcatgaa tcaagggtgt gccagcaaac ttctagtagt ttgatgatgt ccttgataga      120
acaaatagca atgtttaact attaaatgtt gacctagcca gccagtggtc tcactgctgt      180
aatccccaga ctttggggagg ctgaggcggg cggatcacct gaggtcggga gtctcgagcc      240
agcctgacca acatgggaaa accccgtctc ttctaaaaat acaaaattag ctgggcatgg      300
tgggtgcatc ctgtaattcc agctactcgg gaggtcgagg caagagaatc gcttgaaatc      360
ggtaggtgga ggttgagctg agccgagatc ataccattgc actccagccc aggcana      416

<210> 60
<211> 264
<212> DNA
<213> Homo sapiens

<400> 60
atccaccgcg ctcagcctcc caaagtgctg ggattacagg cttgagccac tgcgcctggc      60
gccacagagg ccaactctta aaagataatg cataatataa gatatttgctt ttcttttctt      120
ttgtttcttt ctgctctgac aggttaacttt gattgcatc gacagtttta agaattcagt      180
accaaccact gaaaggggat gaatatcctt gcttaaagaa agttaaaaag accaggtgta      240
gtggctcacc cctgtaattc cagt                                     264

<210> 61
<211> 407
<212> DNA
<213> Homo sapiens

<400> 61
gttctgtcgt acatgatgta ataagaattc atttctgaca tattttacat ttctggcaat      60
ctcaactctt atttgaata ctctctgtca tttgtctgtc caccgtaatt tttagaaaagc      120
atatccataa cgtttacagt tgtagtacag ttgtggttag ttattttagt tgggattgaa      180
agtaattttt ttctttttat atttctatat ttagttttgt tttttgttgt ttgtggtttt      240
tgagatggag ttctcgtttg ttgccagacg tggagggcag tggcgcgatc tcggctcact      300
gcaacctctg cctccggggt tcaagcagtt ctgcctcagc ctcccaagta gctgtgacta      360
aagggtgcac cgcgcattgc cagctaattt tttgtatttt agtagag                                     407

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<210> 62
<211> 157
<212> DNA
<213> Homo sapiens

<400> 62
gggtgcgtgcg cagatcaggg atcgcgattg cgaatcctcc gctgaggatga tttggatatc 60
cctagaacgt tgagggcacg agtcgggtcc tgagaccagg tctctagcca gcagagccac 120
gttcccttatg agcacctggt gtttatttca ttttctc 157

<210> 63
<211> 409
<212> DNA
<213> Homo sapiens

<400> 63
cgttgctgtc ggcagtttgc agctgcggcg gggtcgggtc caccgcgggt ccccggaatg 60
ccggacggct gatcccggtt gctgggtcact cgcgattcgg gggtcgggaa gggtttgccag 120
aagcgggaaa gatgggagat ctgagcgctc tcttggcctc gccacacca ggaattgctc 180
gtgcgcgaat tccccacgga aacaacgcag ttgaaacgag aagcttgctc tctgggtgca 240
gtagctagaa ggcttcaggt aactccaaag ccaacactgg gtgaggcaac acacgcgcc 300
tcaggactca gcattttctt caggctgcgt tttcgtggca gacctacca gattgatgga 360
gaaagtttgg ctggcgagata agaagtaacg cggaagatgt attattgtg 409

<210> 64
<211> 320
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 64
cggtcttttc cttgtgtcac aataacccat aaaggtggga agtgagctt gtatcagtg 60
gactacgtca ggcccaggta tcaggggggc caaggtgggc tgctccccc agagggcata 120
ttctctaat tgcaaatagg tatgtacag gccagtagga aaccattcat ctctggtttc 180
ccagctctagc cctggcacgc tbtgacctc cagttaatga tacctcgtgt gtgtgtgtgt 240
gtgtgtgtgt gtgtgtgtgt atttattttt ttggggtttt ttgattttga 300
tgagggagtg ggttttggag 320

<210> 65
<211> 288
<212> DNA
<213> Homo sapiens

<400> 65
gacggggcctt caccatgttg gtcagttctg tctcgaactc ctgacctcgt gatccaccog 60
ctcggcgcta agaaagtgtt gggattacag gcgtgagcca ccggccgctg atggtattct 120
ttcttgaggg cagattttca cgcagagaag cccgacaatt atacctgagc tggttccacc 180
taagctcaat cctccttccc tgccccaaag ggggtgaaaa atctggggcc aggaggtctt 240
ccttgtgtctc tggggggagg catttaaggg tccaagggaag acgtgagc 288

<210> 66
<211> 221

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<212> DNA
<213> Homo sapiens

<400> 66
caatgttccc catgaaggaa tcgagggtccc aagagtagtt caggtaagga attaataagc      60
atcacaggag gcatgtccag gctggcttgt cccagggtccc tctgcttca gccaccattc      120
tcagaagatc caaaaatgcc aaggggaaag aagccggatg ctttttcacc ttaagtgaag      180
agtcagaatt ggaattacc tttctgaagg cctgctttgc a                                221

<210> 67
<211> 202
<212> DNA
<213> Homo sapiens

<400> 67
ttggatcggg ctgcgaatag acgacaggag gggattgtgg gtgagattct ctcccaggcc      60
acaagacatt tctgtctcgg aacctgtgtt actaatttcc actgctttta aggccctgca      120
tcgaaaatgc aagctcaggc gccgggtggtc gttgtgacct atcctggagt cgggtcccggt      180
cggccccccc agaactccat ct                                202

<210> 68
<211> 324
<212> DNA
<213> Homo sapiens

<400> 68
cggagggtcg gttattgattg atatatggaa atgtaggcac aggtttccag gaaccacat      60
ctttatatcc cctaagagca tgcgattcac aattcacaga tacagtgtct gaggcgagtt      120
tatagaacat aactattgga tataccatga cctaaggca ttcotttcta aatggaaatc      180
gaaacacaga gcttgacaat ttaaggcaca ctaaatccc cttttctgta ctttataagt      240
aacgacggat gaggaaaatta tatacagtg taaaacgggg ttggcattgg gctaccactg      300
ctaattgggt catgacttgt gtgg                                324

<210> 69
<211> 270
<212> DNA
<213> Homo sapiens

<400> 69
aattcaatct atctgcttga tttgggacat ccagtgtctt tgctctgcga cattggagct      60
cctgttctct aagcctttaa actcaggcag ggattttcac tatcagatct cctacttccct      120
gtttttggac cttgttactc agactggagc ttataccatt ggtttctgg cttccaggcc      180
ttcaggcttg aactagaaact atactgcttg ctccctggg cctccagttt gcagatggca      240
atttatagaa cttctcagcc ttcataatca                                270

<210> 70
<211> 314
<212> DNA
<213> Homo sapiens

<400> 70
gtcgtaacggg ttatacttca ccggacgact cctctccccc actcctttgt gagtctggtc      60
tctgtccagt ttcttaccct gagtggagct aagcagataa ctggtgggta ttccaagata      120
gcatctgagt ggagccactt caggactaga gggatgcgtc ctggatcctt ggtctgtctc      180
atgccttgca ccaagcttga gggtagcgta tcatgacctt gctggagtga ttgaacttga      240
tctattgaga cgccattcag gatccctaga aacaagcacg gtagactgct actgtgaggc      300
aggtgtttca acgt                                314

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<210> 71
<211> 291
<212> DNA
<213> Homo sapiens

<400> 71
cctgtaactct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag 60
aggttgcagt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta 120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggtctttgat gctgcacttt 180
cctcttctga aacatcaagt gcttttaaag agggatggtg ctgactgcoct ggttctgagg 240
catgaacgac actggttagtg gagagcaaga tggtaacagag gagtccaat t 291

<210> 72
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 72
gggattacaag cgtgagccac catgcctggc caatttttgt atttttagta gagacggggg 60
gtctcatcagt tggccaggat ggctcgaatc tcttgacctc gtgattcaac cactctggcc 120
tccccaaagt ctgggaattac aggtgtgagc cactgcaccc ggcctttntt tttttttttt 180
tttttttttg gaaaaggggg gctcatttgg ggtccccacg atatcccaaa acccgggggg 240
aaaagaacac cttttatttg ggccccaagg gggggggaat tgtggagggg ggcaccaacg 300
ccttctcggt ag 312

<210> 73
<211> 391
<212> DNA
<213> Homo sapiens

<400> 73
ggcaccagca aagaggaaac agacagtttg attgcatgtc ctacgtgcaa tgctgaatac 60
ctaatagttt ttccaaaatt ggttccagtg gtttaactgt tggattcttc agatagactg 120
atctcaaaag cctgtccatt tgctgcagca ggaataatga tcggctctat ctattggaca 180
gctgtgacct atggagcagc gacagtgatg caagctgtac gtcataaaga acgactggat 240
tatttggaac gagctgatcc tttattcctt ttaattggac ttccactact tctctgcatg 300
ctgatattag gcaagatgat tcgctgggag gactatgtgc ttatactgtg gcgcaaatatc 360
tcgaataaac taccaatttt aaatatgata t 391

<210> 74
<211> 275
<212> DNA
<213> Homo sapiens

<400> 74
ggcccgctct catggcgagc gtttacctat gtgactaacc tgtgcgttct gctcatgccc 60
gccatctttt tgaaagaaaa aaacataaag gaggtggggg ggcctttttt ctggaattgt 120
ccacgcgaac atacctctgg ggggggtttt tcacaccccc cttttttttt tttttccac 180
cgttttttt ttgaaaaatg ggggaacaagt tttggggggg ggtccctttt tggggccgac 240
tgtgggggtt ccctttttct ctgggtgtcc gctcgt 275

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<210> 75
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 75
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 aggtgtgagc caccgcgccc agactaagtc ccatctttat gtccgcttgg ctgttccacg 120
 gccaccggga ggggaggtag gtccagcgat gtgggacccat aggatttcag ggtagaaaaat 180
 ttgcgcgact acagttacaa aattattcca aggtttatgt tccctggggg attgtatatac 240
 tcacctgtta tgcactgggt gcaagttttg tttttttcta ataattaagg ggtgataatt 300
 tttttcttaa gcataggggg cg 322

<210> 76
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 76
 gagagagagg agaatgagga aggacaggcc agaaggtgct catggatccc acagtgtagg 60
 gcctggaggc ctctgtaaaag ccatgaagggt tgggtgacca caacagtga tgctctcaaa 120
 agaccactct gctggttaga tggtagtcaa gagacaggtc accatgaccg tgagagaaatg 180
 gagaagtcga gatgtattg aagaaagctc agatctgcaa atgaaccgag gccgtgcacg 240
 gaggctcacg cctataatct taacactttg ggaggccgaa gcaggaggat cacttgagggt 300
 cacgaatttg agaccagcc 319

<210> 77
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 77
 caatggcatc atgtcggctc accacaacct ctacctcccg ggttcaagtg attctcttgc 60
 ctacgcctcc cgaacaactg ggattacagg catgcgtcac cacaccggcg taattttgtg 120
 tttttagtag aaatggagtt tctccatgtt ggtcaggctg gtctcaaaact cccgaactca 180
 ggtgatcccc ctgcctcaac ctcccaaagt gctgggatta cagggtgtgag ccatggcgcc 240
 cagccctctc ggattcttct tataagcaaa ttgtgccttg gacatatgct ttgaatgctt 300
 tgagagaacc tctcttcata agtggaaata aaatcatgat ttaattgtat cacacgcatt 360
 atggataatc tatggg 376

<210> 78
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 78
 tacggctgcc agaagacaac agaaggggta tcttcatcat aggcacaagc ccacagatgt 60
 ggaacagtaa agttcacatt ctctttatat agtacaata ctcttcaata atatagcagg 120
 cccataaaga tagtggcaat tgggcaatat atgctttact tgtaggccat tgatagatct 180
 ctttaaatga atagtatttt ctaccaaaac ccaagacag aaaaacaaact cgtcaggctg 240
 agttgagctc ataccttgaa ttgctctctc gtgttcttcc ttatcaatgg agatcctgtc 300
 aagttgagag attctgtcag gaggtatttc atgtgggaat cccctgggct actgggtcac 360
 agcagtaact cagcga 376

<210> 79
 <211> 339
 <212> DNA

<213> Homo sapiens

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<400> 79
cccagctact caggaggctg aggcaggaga gtggcgtgaa cgcggggaggc agagcttgca 60
gtgagccaaag attgcgccac tgcactccag cctggggcgac agagcaagac tccatctcaa 120
aaaaaaaaaa aaaaaaaccc ccttttaaaa aattttcaaaa acccatggga ggcttttata 180
agggcggggc cctgaaaaaa aaaaatttgg ggcgctgaag gtggggcttt tgaacacccc 240
caagccaaaa aaattttaaa aaggggtttt tttaaaaaag aaaaaggccc ggccccgggg 300
ttttggctt gtatccccc ctttgagggg gccggggggg 339
```

<210> 80

<211> 366

<212> DNA

<213> Homo sapiens

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<400> 80
gaaatctcgc agagcctgat ggtatttggg tagcatatac ccaccagagg aacaggcttt 60
tatctagcat accacaggtc tcccctttag cacatctgtg ctcattttga aactgtatag 120
ggaaggacat tagatggcgt ggagaactct gaaggacaga cctggatctc ctgccatctt 180
ccaagggtga aacaacaaaa atccgccagg ctttcagtca gaagcccgga agggccactc 240
ccaaggaaac gaggcaagag cagaagtaga tggagtctta ctgaaactga aaccagctc 300
aattcctaata aggttgaaga tatgagtacc tcaatgcagt ctgcttatca gaaaggcata 360
tcatat 366
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<210> 81

<211> 347

<212> DNA

<213> Homo sapiens

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<400> 81
aatgattagc acagagaata cgtttggtct caaatattcc caccaaaaata tacctccatg 60
gcaatcgggg aaagggagag ggtggttaat gtcaacccat gagaaaggaa gggctctggag 120
gcacaaatca aaggggacct aagtaggcag gaagtatcac tgaaaacctt caaaatcttg 180
cattatcgca cagcattaat ttggccattt aaaaatgtaa aatggggcag gcgcagtgcg 240
tcacgcctgt aatcccgaca ctttgggagg gtgaggtggg cagatcactt gaggtcagga 300
gttcgagacc agcctggcgg acatggtgaa actccatctc tactaat 347
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<210> 82

<211> 167

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

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<400> 82
ggagaatttat ttnaaaataa aaaaaaataa gggggggggc gttttttcgg aaaccccaac 60
ctggaaaaaaa cctctggggg ggtggggcca cccccctt gaagggcggg gaaaaaaggg 120
cttttttttg aaaattgggg ggcttttggg tttttttgaa cccttag 167
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<210> 83

<211> 303

<212> DNA

<213> Homo sapiens

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<400> 83
cctgtaatct cagctacttg ggaggctgag gcaggagaaat cgcttgaatc caggaggcag      60
aggttgcaat gaagccatgat tgcgcacttg cactccagcc tgggtgacag cgagactcta      120
tctcaaaaaa aaaacagatt tctctcttat gagagtcttc ggactttgat gctgcacttt      180
cctcttctga aacatcaagg gcttttaaag agggatgggt ctgactgcct ggttctgag      240
catgaacgac actggttagt gagagcaaga tggtagacag gagtccaat ttgggtccac      300
cat                                                    303

<210> 84
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 84
tgatatcanc ctgcgactgc aagattctta ctgcagtaca gaactctttt tctcccttgc      60
actttttttt gacctggcat ctttttatag ggaaaaacgg cctttgtcgg cagtgcaaaa      120
cttgcaagga aagctgccga ctctttggca ggctgataca gagcctgcac tctggcan      178

<210> 85
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 85
actgogcgcg gcctagctgg aaacttttct gccacgtata tcagtcatat ttctcagcct      60
cactagcagc aggatgtggc catgtttctg gctaattgga tgtaaacgga tatgttcagt      120
gggacttctc agaagcttcc ttaaaggga gacagacagg cagaggaggt gcctcatgac      180
tagaatccca gcactttggg aggcctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacaccat ctttacaata tataaatctt ttcttttttt      300
ttttttgaaa aaaagnttgg ttttgccccc cagcttgaaa ggcaggggcc caatttaacc      360
taattgggag ccccccctcc g                                                    381

<210> 86
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 86
cggttctgtc ggaagaattc gcgcgcgagg aaacnacctt tttttttttt tctttttttg      60
tttttttttt tttttttttt tttttttttt tttttttttt cttccccccc cccgggggtt      120
ctctcttttg gaaaaaaca acgggagggg ggggggggaa aacccccccc cccgggctat      180
caaaaagggt gaactttct ccggccgcgc ggggggggaa aaaaccccc cggggcccca      240

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agaaaccccc	ccccacett	ttttgcgccg	gggttttcaa	aaaaaaaaa	aaaaaacgg	300
gggcgcggcc	cccccttaca	taaaaaacggg	ggggggtgct	cttcacaaca	ggccccccac	360
gcgcgcgaggt	gcccaaaaa	actccccccc				390

<210> 87
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 87						
ccctcatccg	aggaatgtcc	ccaaggcagg	aggggagaca	tgcttgcatt	caatggcatt	60
ctctgcgggg	catggactct	gggggctcta	aggggcttct	gtaggggggg	catgcccttg	120
gagaagttag	ggcagcttat	ggaagccccc	gagctccagc	ctcactctgc	caagggggacc	180
ccacctctta	cagagcangg	cccagntccc	ctcattctcc	aaactacaga	gggggaggag	240
ccagggaatga	gagcactgaa	ccaatgagga	cagggctggg	gggctggggg	aaactgcctt	300
ccaactgggg	gacataaggc	aagcttcgca	ccattctctg	agtcaactct	gaatggaaac	360
						361

<210> 88
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 88						
gggctcagaa	tggcatgaac	ctgggaggca	gagcttccag	tgatctgaga	tcgtgccact	60
gcactccatc	ctgggtgaca	gagcgagact	ccccatatta	aaagggtggg	aaaaaaaggc	120
gggtgttgtt	gaacccgggg	gccccacttt	ttttaacccc	ccggatgagg	ggggcaatac	180
cccttttttaa	ccgcccagga	actttttttt	tttgcccaat	cttggggggg	ttgttgtttt	240
tttttacogca	atcaagctcg	gaaccagggg	cttcacacac	ctggtgcctt	ttttatgagg	300
gcg						303

<210> 89
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 89						
gtagatggga	gtacaggcac	acaccaccac	gcctgactaa	ttttgtaga	gacagggttt	60
tgccatgttg	tccaggctga	tcttgaactc	ctgatctcag	gtgatctgcc	cgctctggct	120
tcggaaagtg	ctgggattac	aggcatgagc	caccatcccc	ggccgatgtc	tgcatattca	180
taggtgacca	ctgaggctaa	aaagcatcac	tattccaaat	cactattcca	aaggcattaa	240
ctctctgatg	tgacatctca	ggcacttaga	cacttgtaat	ttattcatca	aaacatgcctg	300
agacagataa	catatttgcta	ggtgtctcagt	ctgcaacgat	gtattgaact	tagtcc	356

<210> 90
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 90						
gtgccaaagg	ggagagactg	gattttgacg	acagtaggag	caccttatgt	agtacagaga	60
agaaggcaga	gtatgtggat	acagatgctg	tgtggtgggt	ggatgtgggtg	gcggcaattt	120

gcccatgttt	tattatcagg	gtttacattt	tttcaactccc	gcataagact	tgagtgtgtg	180
gacaggggag	gaaatgttga	ggatttgtgg	ggagattttt	gaaacaacca	tcatatatga	240
tggtatgaaa	gagattgccca	cggacctagt	tgagaggtgg	gataaaagcg	cttttgttgg	300
ggaccgccag	ggggggtgga	tattatggtg	gaagg			335

<210> 91
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 91						
attcatgggt	ctccatggca	tctctgggtct	tcaacattat	tttgcatagg	gtctcagaag	60
cttagtgtga	goggatgata	tgggcacgaa	gcaaggcacc	cagaagtggg	ggcaactact	120
ctgctttcta	aaatgcaagg	gaaccggaaa	atccaggagc	cgtgccaaag	tgagtgtgta	180
ttttcttggg	ccaccaaaag	ggtctgaact	ggtgtggctt	gagctcagtt	tttgtgttgc	240
agatagattt	gaaaactcac	ttctcccat	taagcactgg	aaggaattag	tcacccttct	300
ttgtggaagt	ggagagattc	tccgagagct	actcaacagg	ctcctttgaa	aggttctcag	360
gaccagcact	gtgctgagtg	tgtgtggn				388

<210> 92
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 92						
aggttttagcc	ccaccaggca	tctggttggg	gggcccaggt	gaggactatt	gcattgttct	60
gtggtctgag	ttccctcaga	gtactaaaat	ggatttgtgt	gtatgcaagg	ggaagagagt	120
taggtggggt	cggacagaag	cagttctaac	tagaaataca	cttactaggg	ttttctctct	180
ttttttttta	aaactgtcat	gccgggcacg	ggggctcgtg	cctgtaattcc	cagcactttg	240
ggaggccgag	ggggggggat	cacttgaagg	ttagaagttc	aaaaccagcc	tggcctcctt	300
gataaaacac	cattttttct	aaaaaaaccg	aaaattatgt	gggcgcct		348

<210> 93
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 93						
agcctggcca	acgtagttaa	accccatctc	tactaaaaac	acagaattag	ccaggcttgg	60
tggtgtgcac	ctgtaatccc	agctactggg	gaggctgagg	caagagaatc	acttgaacct	120
aggaggcaga	gggtgcagtg	agcctagatc	gtgccactgc	actccagcct	gggctggaca	180
gagcaagact	ccattctctg	aaaataaaat	aaaaataaat	aaaacagaaa	aacagaatag	240
aagaagatag	ctaaagaaca	cagtggtcaa	gccagctctg	cttcaacaga	gatgaatgga	300
gagaccacgg	tcagcccatc	taacagaaga	actggggcca	gga		343

<210> 94
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 94						
gcagacacct	gatagccagg	caggcaacgc	ctgctagagt	ttctggacca	gtggtccac	60

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ttctgtgtga actcagctgg tgggttcagc cacctgttgt cctgggaagc acctggcacg 120
tagggcatgc atctctaccc aaacctgccca ctggtagcca tgaaagccat gctgtcttag 180
agctgcaagc ccagcagctcc tgcttctgcc tgaactctga aggcaggcac aaccccatgt 240
ttccctggga agtacatgga cagcagatta cggccaaccc agcaaggata aggcgtgtctc 300
gacaactgca acccccgcgc aacttcatga gagaggtcaa catttaaatt cagaa 355

<210> 95
<211> 402
<212> DNA
<213> Homo sapiens

<400> 95
ggcacgagcc gacaccggga agcctagtgt cctggagggt ctgagcgttc tgttcggacc 60
tcctaccgtt actcttccat tcaactaaga aatgatttct tgagttcccg gcttctgtca 120
gagagatgaa cgaggcagcg tcctgtgccca gctaaaggac agtatgactg gaagagcgtt 180
gttttccaa gtacaggatg ccgcgcctcc tatgagccga agggagcggga ggcgcgctat 240
aggaggggac cgtccccgag cctcgccgag cctgcggtgt agacacctct ggtggttagc 300
gcgtgacgat ctggtgacgc cgcatgtgcg gttccaaagg ccgttcttac cagaaaaatat 360
ctggctgtgc cgaatacatc ttgctggggc cgcgccgtac cg 402

<210> 96
<211> 392
<212> DNA
<213> Homo sapiens

<400> 96
cggtgctgtc gcaaaagcat gttgctgagt acccagagtt gcgaggagtt ttttaactga 60
tttagccagg tggcaatcat gagtgaatgg atgaagaaag gccctctaga atggcaagat 120
tacatttaca aagaggtccg agtgacagcc agtgagaaga atgagtataa aggatgggtt 180
ttaactacag acccagcttc tgccaatatt gtccttgtag acttctctga agatggcagc 240
atgtctgtga ccggaattat gggacatgct gtgcagacgg ttgaaaactat gaatgaaggg 300
gaccatagag tgaggagaaa gctgatgcat ttgttccact ctggagagctg caaagcatac 360
agccccaggg agtctgaaga gagaaagaac ag 392

<210> 97
<211> 378
<212> DNA
<213> Homo sapiens

<400> 97
cggtgctgtc gctgggtctca gccggtctcc gctcaacgat ccttccctcaa agcatggttg 60
ctgagtaccg agagttgcga ggagtttttt aactgattta gccagggtggc aatcatgagt 120
gaatggatga agaaaggccc cttagaatgg caagattaca ttacaaaaga ggtcccgagt 180
acagccagtg agaagaatga gtataaaggga tgggttttaa ctacagaccc agtctctgcc 240
aatattgtcc ttgtgaactt ccttgaagat ggcagcatgt ctgtgaccgg aattatggga 300
catgctgtgc agactgttga aactatgaat gaagggggacc atagagtgag ggagaagctg 360
atgcatttgt tcaagctct 378

<210> 98
<211> 400
<212> DNA
<213> Homo sapiens

<400> 98
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gctgttactc aggtcccccg cagccgtgtc aactcttcaa gaaatggcac caggaacaac 120
atttaacccc gtcattgggt attcatctgt ggatccaaaa aaggttaaga ccctcgtgtt 180

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ctgctccggc	aaacatttct	actccctggg	gaaacaaaga	gaatctctgg	gggccaagaa	240
gcatacattt	gccatcatcc	gagtagagga	actctgcccc	ttcccgttgg	attctttaca	300
gcaagagatg	agcaaatata	aacattgtta	aagatcatat	ttggagtcag	gaggaacctc	360
agaaacatggg	gtccgtggtc	gtttgtttct	ccaaggattg			400

<210> 99
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 99						
cgtttgcgtc	ggataaattc	gcgtgctaag	gaggtgacac	tgttattggt	tgctctggcc	60
attatgtggt	acatggcact	ttaaccattg	ctgactccat	tgagttggaa	ggatatggcc	120
taccagatga	cattgtgata	gaaaagaggg	gcaaaggcga	cacttttgtg	gactgcactg	180
gtgctgatat	taaaactctc	ggcataaaa	ttgatcagca	tgatgctgta	gagggaaatc	240
taattgatca	ccgtggtaag	actacgctgg	aaaaactgtg	gctgcagcgt	gagacgaccg	300
gagacacagc	gcggacatca	gcagagtttc	taatgaagaa	ctcggattta	tatggagcgc	360
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<210> 100
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 100						
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ggggagtggg	aaactgagcc	gcggctctat	cgttcaaaaga	gtttaaaaag	cattaatgtt	120
catggcgatc	tactacgaaa	aagccatcct	ccaaaagtca	gggagcgcca	tttttctgaa	180
agcacttcta	ttgacaatgc	cctgaggcga	ctgacccttg	ggaatgaatt	ctctgtcaac	240
aatgggtaca	tgcgaagatt	caaatctttt	tctgaactcc	cctcctcgga	tggaaatgaa	300
agttgggctt	atcgcaacgg	gaacaaaaca	ggaccacagg	ccgcgataac	tatatctcaga	360
cttaacgact	attggggaatc	ttggaaaaac				390

<210> 101
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 101						
agtggtgattt	gatggaaaatg	tgaaccattt	ttcctctttt	ctggctccag	gttctacctc	60
ttcctgcagg	aagtccacac	aagctgggat	gagggggagg	caagacaaaa	gggcagggca	120
agtttgacac	aattaacacc	tcgatcatgc	ctccaatgc	agaggtctct	tcagggaag	180
agaatcaaaa	tgtacgggag	aaaaatgaca	ggagacgaca	ggcacggttg	ctcacgcctg	240
taatcccagc	actttgggag					260

<210> 102
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 102						
ttttacgaat	ttcatctaaa	gtgtgtctgg	tatatctatg	catatgatcc	attttccatg	60

ttaccatgca	cgctgactct	tattgaaata	gaccgctggg	aggcagcatg	atggagtga	120
aatagcatgc	acgttcaaat	ctgaaagata	tgggtgcaga	cacctactat	tctgtgccat	180
ttggagaag	tcattccacct	cctgtatagg	acttttcttg	gctttaaaaa	gaatagatgt	240
cttgaggata	ttactggtct	caattaaatc	aaaatttttg	caaaaaggct	tgacactggc	300
cgggcgcgga	ggctcacgcc	tgtaatccca	gcn			333

<210> 103
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 103						
tgacggcctt	ntgcagatcc	cctcgactcg	aagtcgggtg	ctgtcggggc	aattctgctc	60
aactgcttgg	tgaggctcga	gttcagccta	atccatcaga	acatgagctt	cttgcctggc	120
ctcaggactgt	ccactccgta	caccagagga	ctttgtgttt	ccattgcttc	ccaatgaaga	180
attgagagag	aaatacaggg	gctacctctt	cagggactat	gtggagagtc	attaccagct	240
ccagctgtgc	cctgggtgcag	actgccccat	gggtattctcg	gtacaggagc	cttatgctcg	300
ccgagtacag	tgcaatcggg	gcaacgaggt	cttctgttct	aagtgctctc	agatgtatca	360
cgcacccaca	gactgtgcca	caatccggaa	atggctcagc	aagtgctcag	acgactctga	420
aacagccaac	tacattagtg	ctcacactan	agactgtcc			459

<210> 104
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 104						
tctcaataga	cacttttata	tagcagatgc	ctttatgagc	atgcctgtct	tttcggggca	60
agcggctctc	gcttgcgaga	aaacttatga	aggagaccct	gctgtgtttt	tctgttcttc	120
ctcagtaact	aaatttttct	tcagatttct	gcttttctac	catggggagc	aagacaaggc	180
ttttgcttga	ctgaatccca	acctggaaaa	agccattatc	tccagccctc	acactgccac	240
aaggggggcat	aactgaatca	gaggatatac	ttatctctgag	acaagggtatc	aaagggatgc	300
cttcocggat	tactaaactca	attcagttca	ttcatcatca	gcatacatgt	aattcatata	360
tagcacaact	gctcaggtac	ggaaaataat	gctgacaagt	tggggttttt	tttttttttt	420
tttgaagaga	aaacg					435

<210> 105
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 105						
ttttgcagga	tccactcga	ttcaattccg	tggtgtctcg	cctgattaac	tgccacgggtc	60
acgaggagtc	taaggacaca	tccaatttcc	attggcatgc	aaaatggaat	ccgagacaga	120
aagaggagct	tanccttcat	atctggtttt	tctttatgaa	gcttcttctg	gttggaacct	180
tgccaaattt	catcaggtaa	gaagtgtctaa	agtgaaacctg	taaactttgt	ttcaaaaaaac	240
aaaaaccgaa	gtttaagaaa	tctaaagatg	gtgtcagcct	tagacagatc	tctggactgt	300

```

aatctgggaa aggtcaaata agatctccaa tcgtgtacaa ttccaaatac atttgagagc 360
agtgggtctg aaaatgtggt tcccagacca gcagcatcaa caccatgaag gaagtgttta 420
aaaatgcaaa ttct 434

```

```

<210> 106
<211> 214
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

```

```

<400> 106
aaactctggt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt 60
cctatcacat cactagcaact tagtacagaa ttgggggtcct aanaatattt ggcaatgatg 120
acctgtgttg ctttcaagaa agtattccaa gtgatagggt ccaccataat ccattatgct 180
ttaactcttg tacaagtggg caaatttttc tatt 214

```

```

<210> 107
<211> 243
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

```

```

<400> 107
gctttccgg gcgctgattc ctgagtgtcg agcgcaacc cgaggagatg aaccttttaa 60
ctaaggtgaa gctgatcaac gagctgaatg aacgagaggt ccagcttggg gtagcgcgat 120
aaaggtgtct ggcactccga gtacaaagac agcgctctga tctttctggg agggctgttg 180
tatgaactga ctgaagggga catcatctgt gtgttctcac aatatgggga gattgggtaac 240
att 243

```

```

<210> 108
<211> 426
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

```

```

<400> 108
atattcctaat tccgaagctg gngggggggc aaaacaggtc attccatgtt tgaaaggaag 60
ttgatgaagg agcctgggaa agcggggaat tattcacaga gagaaacgac agcagcgtaa 120
acgtgataag gtgctgactg attctgggtc attggattca actatccctg ggatagaaaa 180
taccatcaca gttaccacog agcaacttac aaccgcatca ttctctgttg gttccaagaa 240
aaatagaggt gattctcatc taaatgttca agttagcaac tttaaatctg gaaaaggaga 300
ttctacactt caggtttctt caggattgaa tgaaaacctc actgtcaatg gagagggtcg 360
gaatgaaaag tctgtaaaac tctcctcaca gatcagtcca ggtgaggaga agaggactcc 420
gttcac 426

```



```

<210> 109
<211> 124
<212> DNA
<213> Homo sapiens

<400> 109
atctgctctcc cctgtctgta aggagcagcg ggaacggagc ttcggagcct cctcattgaa      60
ggtaggtgggg ctgcgggcatc tgggctgtgg ggcctctgtg ccaegctctt gaggaagccc      120
atgc                                             124

<210> 110
<211> 364
<212> DNA
<213> Homo sapiens

<400> 110
gagcagactg aacaaatgat gtgagaatct cttcagttcc aaccaagtgg cgggaaccag      60
ctaagagttg ggtactgtcg aggaaaattg atgggcagtt ggtaaaatag gtgtgaatga      120
gagaaaagctt tgttggggaa ccatgggtggg tatgtgggca cgttctacat tactacaaat      180
attggggaatt tccaggggga acagcaaaat cttgtcttat ttatgtttaa ttttaaaaaa      240
ttcccaactgg gtgcagaggc tcacgcctgt aatcccatca ctttgggagg ctgatgcagg      300
cagatcacga ggtcaggaga tcgagaccat cctggctaac acggtgaaac ccgcctgtga      360
ctaa                                             364

<210> 111
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(421)
<223> n = A,T,C or G

<400> 111
cgttgctgtc ggctgataa actgccacgg ccacgaggag tctaaggaca catccaatct      60
ccatgcgcct ccaaaatgga atccgagaca gaaagaggac cttagccttc atatctgttt      120
ttttcttatc aagcttcttc tggttggaag cttgtcaaat tcatcaggtt aagaagtgtc      180
aaagtgaacc tgtaaacttt gtttcaaaaa acaaaaaccg aagtttaaga aatctaaaga      240
tggtgtcagc cttagacaga tctctggaact gtaactctgg aaaggtcaaa taagatctcc      300
aatcgtgtac aattccaat acatttgaga gcagtgggtc tgaaaatgtg gttccagac      360
cagcagcatc aacaccatga aggaagttgt taaaatgtca aattctcagg ctctccccctg      420
n                                             421

<210> 112
<211> 424
<212> DNA
<213> Homo sapiens

<400> 112
tttttgcgta tcccaactga ttcaattccg ttgggggtcg tggtgcaaaa agccaaggct      60
atttgcacat attccatcaa cctgtcaaga atggggcctg agtttatac ccaaggcatg      120
gaagtccttg cattctctta gctgggcaaa caattatact gtagttgtga tacaacacat      180
tggtctttta ttgtactgc acatatccac tgtacagcca cttgggagta tcgtgggttag      240
cttcagcaaa ctgctgtctg catctatact gttatttga tattcttttc cctgggaagt      300
aaagagaaat gttttctctg ttgcattgat tacattttat aaatttgctt agctggaaag      360
tttgggaaaa gaggcctgtt tgtcaattgt acaaccgatt gtgaagctct agtgtgaata      420

```

tttt

424

<210> 113
<211> 414
<212> DNA
<213> Homo sapiens

<400> 113											
cggtgctgct	gaaaaataca	aaaattagct	ggcgctgggtg	gcacatgcct	gtaattccag						60
ctacttggga	ggcgaagcag	aagaattggt	cgagcccgag	agggtggaggt	tgcaatgagc						120
caagatcgctg	ctactgcact	ccagcctggg	tgacagagcc	agactgttct	aaaaaaaaaa						180
aaaaaaggta	aaaaaccttt	tttttttatt	tttttaagg	gaaaagaaac	ctttttttta						240
cttttcattt	tcctttcgga	aaaattcatt	taacaaaaag	ggggcccaaa	atggccccaa						300
ctttttaaac	cttttcaatt	tgggcaaggt	ttttaaaaaac	caaaaaaaa	gggaattggc						360
ctcccaaaaa	aaaaataaaa	taccccaaaa	aggggggcat	ggtttaaaat	attc						414

<210> 114
<211> 415
<212> DNA
<213> Homo sapiens

<400> 114											
cggtgctgct	ggaagaattc	gcggcgcgcg	gacagcaacg	gtttcaagat	tcacctctc						60
tcaccaaat	tttaactacc	tgctgaatac	gcctctgtac	taggcacata	atggaaactaa						120
aaattgctca	tgctcagttt	ttgtgttgag	tgaacaaatg	tgacagacct	aataagattg						180
gggtacagat	ggcatgcgcc	tgtagtccca	gctactcagg	agaattgctt	gaacctagga						240
gggtgaggtt	gcagtgagcc	gagatcgtgc	cactgcactc	cagtcctggg	aacagagcga						300
gactccatct	cagaaaaaaa	gaaaaaaaga	atgggtacag	atgtgatatt	ggaagaaaaa						360
gatcaagctg	atgaggttag	gataccacag	ccctttggac	ttaaagatca	ctagt						415

<210> 115
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 115											
gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cgggaaccag						60
ctaagagttg	ggtagctgtg	aggaaaattg	atgggacatt	ggtaaaatag	gtgtgaatga						120
gagaaagctt	tggtgggga	caatgggtgg	tatgtgggca	cgttctacat	tactacaagt						180
atgggaatt	ttccaggagg	acagcaaaat	cttgtcttat	ttatgtttaa	ttttaaaaaa						240
ttcccatctg	gtgcagtgcc	tcacgcctgt	aatcccgaca	ctttgggagg	ctgaggcgag						300
cagatcacga	ggtcaggaga	tcgagacat	cctggctaac	acgggtgaac	cccgctctga						360
n											361

<210> 116
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)

<223> n = A,T,C or G

```
<400> 116
gggtaacctg gagacattca gaaaatatct gtggaactcc tgcattttgt gaggcactgc 60
ccacggcatt ggagagagag atgcctttgt ggtggtccta aaagagttca cagtctggcc 120
aggagacatt gtacaaacag actataaatg gctgtgcttc tttttttttt aaagaatgtt 180
cagcgggagc acttgggacc tacctgtgag agctgaggaa ggcttcacag aagaggtctt 240
gcttaagagg aaacatttgg ggccagggtgc agaggctaatt tttttgtatt ttcttcttag 300
cagagatgcg gtcnctcgct ttttccggac cattttcaac ccttcactna aagggtgctc 360
ctggagaggg atctttttgt gccgtg 386
```

<210> 117

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

```
<400> 117
agtgcagtga tacaatcatg attcactgca gccccaacct cctaggttca aactatcctc 60
taacctcagc ctccctgagga gctgagacta caggtatgta ccactatgcc tggctgtttt 120
tttaattttt tgtagagatg gggctcact atgttgctta agctgttctt gaacacctgg 180
gctcaagtga tctccctacc ttggcctcct aaagngctgg aattacaggc atgagccctt 240
gtgccagggt tctggaattc ttttagagaaa tcttctcatc gtcttaaatg aaaaccatgc 300
cttattaggt tactcacctt tatatcaaaa tttttctctg gtgggtgcag acgctatatc 360
tttgggaaca agaagtcctt tataaa 386
```

<210> 118

<211> 385

<212> DNA

<213> Homo sapiens

```
<400> 118
gggactcttg ctaaaaggcca gccatggact tacacttaca aagcatcacc ttatcaaagg 60
tggagggaaga tcaacttgat atcaagggtg accagatttc agggaatagg gattctcatc 120
aaactgactc ccagagggtct ctttttagcaa ggcactcatg ccaagcgagc tggctcatgc 180
ctgtaatccc aacactttgg gaggctaagg cagggtggatc gtctgaggtc tggagttcga 240
gaccggcctg gacaacatag tgaaccacag tctctactaa taaaaaaaaa aaatgggccc 300
tcacattggc tcaggcctat aatcccaaca ctttgggagg ccgaggtggg tggatcacct 360
gagggcaaaa gtttgagacc cgccc 385
```

<210> 119

<211> 386

<212> DNA

<213> Homo sapiens

```
<400> 119
tattaataat gctaaacact taccagcttt gtaactttag ctatctatca coattgagtt 60
gtttctcta atataaaaat gtggtaatcc ctcatagcag tgtggaactg atgaataaat 120
atggcctatg taacattttg gttcaagacc tgctacattg gatgaggaat gtcaacagta 180
aagtaaaaat ttgatctttt agtgtgtagt gagcttggtta tgtcactttt tgtgatttct 240
atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagtgg 300
ctcacacta taaccaccagc actttgggag gctgaggcag gcagatggct tgagcccgag 360
agttcaagac caacctggga aacatg 386
```

<210> 120
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 120
 tatttactac ctgggtcattt ataaagaaca gaaattgatt tttcacagtt ctgcaggctg 60
 gaaatccaag atgaagtcac ctgtagtcca gtgtctgcgt ctaagagagt actttgttgc 120
 tgcaaccgcc agagggaaga aatactgtat ctctccatga aggaaggaac cgaagggtggg 180
 aataggggacc aaactccctc tttcaagcct tttttagtg acattaatto atttatgagg 240
 atgccaccat catgacataa tcatctccca aaggatttca cctcctccca ctgtgtgcatt 300
 ggggattaat tttccaacac atgaattttg agggacacat tcacaccata tgcactggta 360
 tatagtaact aggtggcccg atg 383

<210> 121
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 121
 ctgttgccca ggctggagtg cagtggtgca atctcggtc actgcaagct ctgcttccca 60
 ggttcaagcc attctcctgg ctccagcctc caagtagctg ggactacagg caccgccccac 120
 agtgccctggc taattttttt tattttttagt agagacaggg ttccaccatg tgagccaggga 180
 tgggtctcaat ctctgacctt tgtgaaccac cgtctcggc ctcccaaatg gctggggatta 240
 caggtgtgag ccacacagcc tggcccatga accaagtgtt ttttaaggaaa caaaactatt 300
 tttttaataca tcagatttat actagctata tggatattag catatctggg aattatgaat 360
 ctagaatttt tttacatatt tttataatac tggtagctca ggtattggag 410

<210> 122
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 122
 cgttgctgtc gaaaggacaa aaccctgact cccagtgagt ctgaggccaa agctgaaaac 60
 agaaccacaag aagctttaatt cctgacctca gttccaatca aacagcacga attgtggtgg 120
 acctccagct gtgctcagat ggggggacac aatattggca gtacccctct ccttgccctc 180
 cagggtgagt gccagtgctg gagcgtgctc atgagagccc tgcacaagcg ggttttgagc 240
 acatgctacg ctctagcccc gtggaagcct ggactagtta gaggcacaga acagctcagg 300
 acagacacct ccttcagag ccaaacagag tgcagcgct ccttcgctgg gccactctga 360
 gagctggggc cttcccagga aagaggggag tcgnggggca ccaccccatc 410

<210> 123
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 123
 tacggctgcg tgaattatac agaaggggtgc aatgttttgg agggggagaa gtatttcaca 60
 cacataagta tgattttccc caaccagacc acaagctctt caagggttaac aacaccctag 120
 ccccaacccc tccccctcag acaattcttc tgctctctca gagcagactt tgatctagat 180
 tggatctaaa ttgactcgaa atgtcaggaa gaagagatta atgcacatgg tcctttttctc 240
 tgagagaagg agtgatagag caaagcttaa gcctgggagg gagatgaagc tgcacagcac 300
 tctcttcacc ccgtctgggg cttcgaaggg ggcaggtggg aacactagag acagctgcct 360
 gcctgggtccc gagctccatg tgaacagcct cctcccaaat ctctcttgg atctgn 416

<210> 124
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 124
 cgtctgtcca tctgtcgtcc ctgccagcac aggggggatgg tccctggctct agggggctgca 60
 gaacacagca agggccagag gccagaggct gcaggcgggc ctgagggtga acttcccccc 120
 gagaaagagt ctctggaaga gaatgaatgg ccacagcaggt agtgagaact ctgtcactag 180
 ggtatataag cggggatgga cacaggggaag gacatttctg catcagtggt gggctcccat 240
 cagtttaagag agcctgtgac tctgtcgagg gaccatgggg ggtggcaca gagcccgagg 300
 cacctgaggg cctgtctgga tgcagctgct agtggctata ggacagcaaa cactattcat 360
 tggattctga cttaggcagg ta 382

<210> 125
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 125
 tgatccaccc gcctcagcct cccaaagtgc tgggactata gacatgagcc accaaacttg 60
 gctagaaaatt ttctcttttt tcccttagac ggagtcttgc tctgtcaccc aggtctggagt 120
 gcagtgggcg aatctcgact cactggaatc tatgactccc aagatcaaga gagtttctca 180
 cctaagactc acgagcaact gggattacag acgcttgaca gcctgcctg gctaagaatt 240
 atattaatgg tcgagatgag ggaataatac gaaggttacg ccggcgacaa gactacttaa 300
 tggggcgagg gggagaatac gacttaaagc gtcccgcctg gacaagacga ggaaggcct 360
 ctatttgca gaacaaaaga at 382

<210> 126
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 126
 caataaccat gtggagaagc tgtgacattt ttaatttaca acctttcttg ggctcagaca 60
 taagtttacc tatccaaagg tgcagttggg tagtggtggg accaggatgg acaactcatt 120
 ggcctcgctt caaaagccat acctcttctc ctgctatgca gaatctgttt ctctgaatc 180
 tctgtgatgc tgggtgggaat tgtttgcata gaggaaggac aataacctg ccatcgtgag 240
 ttaatgtcgc ggctgggtcac agtgggttcat gcctgtaatc ccagcacttt gggagtcaca 300
 ggagggcata tcatttgagg tcaggagttt aagacagacc tggctacacat agtgagaccc 360
 tgtttctact aaaaatacaa aaataagcca ggtgtgggtg tgcattgactg t 411

<210> 127
 <211> 412
 <212> DNA
 <213> Homo sapiens

```

<400> 127
cggttgctgtc ggaaaactac aaagcagcag ttaacagatc aaggaaatgg taaatgtata 60
gactttatga ataatatcca tgttgaaaaa gaattcttgg ataactttct aaaagaacaa 120
aacaagagaga acttgctcga tatcttaaca gaacctgaga ggaagccaga tcctaaatta 180
tataccagaa gtaagccaaa gactgactct tataatcaaa ccaagaacag ttagttccct 240
aaacaagcct tgggcaaaag ttcagttaat agtgctgttc tgaagatag ggttaataaa 300
caattgtgtg gagaaacaca aagcaggact ttcccagtaa aatcacagca actctctaga 360
ggagcagatc ttgcaagacc aggagtaaaa cccctcaagga cggttccctc tc 412

```

```

<210> 128
<211> 373
<212> DNA
<213> Homo sapiens

```

```

<400> 128
aaagcatcaa aaccttttct ttaatcccaa agttactaaa gtgatttaac acatttgata 60
ataccataat actgccatta tctttaatct ctctccaact tccctgccata aatcattttc 120
tcagagtggg cctcaattta gggtagaatt gctagttaaa tagatgatgt caattgggaa 180
atacaaaaaa attagccggg cgtggtggca ggtacctcta gtccagccta ctccgggagg 240
tgaagcagga gaatggcggt aacctgggag gccgagcttg cagtgcagctg agatccgcgc 300
attgcactcc agcctgggca acagagcgag actccgctct caaaatagat acctgatttc 360
tttttgactc caa 373

```

```

<210> 129
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<400> 129
cggttgctgtc gccagcacc tggcatgtta atagtgtgtg aaagatctct gaataagggg 60
gtgtggttgg ctctctcaat tgcaatacca atgggaccac caccgtttta tctgggtaac 120
agcttcacag atccagaatt ttatgtaatt tgtctgtgta tccagaattg atcatattcc 180
ggagctctgac tcattggtaac ccagctgtca gtgactgat gcgtaagcca ggtgcaaaatt 240
tgtttacttt actattgaag tagataccct tccaatgact gaatcccat atttaggata 300
ccccattcct gctattggaaa tacttaggag actaaattgt gaatcaaagt ttgtgactgt 360
gaggccgagt gcagtggctc acacctgtaa tcccagcact t 401

```

```

<210> 130
<211> 374
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

```

```

<400> 130
gcactccagc ctgggcaaca agagcgaaac tccatctcaa aaaaaagaa aaatgaacaa 60
taaaataatg gtgggctggt cgggtgaggg tctggggtac tctgggagctc tccagagag 120
taaggactga gacctctttt caacatctga gttcctcttc atgaattgcc ctccagaagg 180
tgccaggggc cgggcgcggt ggctcacacc gttaatccca acactaggag gccaggttg 240
gggatcaca atgtcaggag atcgagacca tctgggctaa catggtgaaa ctctgtgttc 300
actannaata caaaaaatag gccaggcgca gtggctcacg cctgtaatcc agcacttttt 360
gaggncggag cggg 374

```

```

<210> 131

```

```

<211> 239
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 131
ctttataaaa tgtctccatc ttataaacc aagacatctc ttataaatcc aaagtttcat 60
tctcttttga aatctcaaca tatatatctt cagaaggaaa ctacttctag gtggtctgtc 120
actattatct gtcataattt aacttctaga cttgttgata agttcagatt ccaagtttta 180
gtacagattta ctaaaaaaaa acctagcatg cagaaacaaa aatattttct ctacagctn 239

<210> 132
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 132
ggtggacaag attttatgta gtctatgcag ccacttggtg ataagaagaag cagcaaaaagt 60
ggtagtcacg aatttgggcc aactatctta ctttctgctc ctctcccaac agctctgcta 120
gatgcaagtg acagaaaaatt aatgaactct tgcagggaatt ctatcccaac ctctgggaatt 180
caagaatgtc ctctattttg gctagttaga attgttagag tcattctcca tggaaaatga 240
cttgattcat agttattcta ttattaagaa aacaatggct ggcggggctg ggtgggtcac 300
gcctgtaatc ccagcacttt gggaggcaga ggtgggcgga tcacgaggtc aggagatcga 360
gaccatcctg gn 372

<210> 133
<211> 399
<212> DNA
<213> Homo sapiens

<400> 133
gcctctctgt actttgtgtc ccattagtag ctgcctctat gccttaccat tttgagcaga 60
tccttgagtg gtagtagatg tgcaaaactg tgctttaggc agtttgttgt tataggcacc 120
tgctctctac tctgttttgt ctcaacttag taggtggagc agcaaatctt ctttttttgt 180
atatggaata ttctggtaac ttttttgcaa ctttaagaaa ttccaagcca ggtgcagtg 240
ctcacatctg taatcccagc actttggggg gccgaggcag gtggatcacc tgagggtcagg 300
agttcaagac cagtcctggc aacatgggtg aaccccatcc ctactaataa caaaaaaat 360
tagctggggg tgggtggcaca ttctgtgaat ccagctac 399

<210> 134
<211> 208
<212> DNA
<213> Homo sapiens

<400> 134
tccctgaagt catggactgt gccagtcttg tccactcctg tgtccccagg tccgtgcaca 60
aggcctggca tgtgttagat ttaaaagtga ttctgtattg cgcacacagc tgttccactc 120
tgattttcca gtacctcttc tgtgtcagga gctcttttat gtaaagcttg agatcacagg 180

```

aaccgcgtgg ttaacagggt tgateccc

208

<210> 135

<211> 372

<212> DNA

<213> Homo sapiens

<400> 135

actgtacacc	agtggttctc	ttcaccaact	ataatgccta	attttccgtt	taatttctca	60
cttctgggta	ctgtaaacaa	agtaaatccc	tcattcccta	cagctggggc	acaaaaccca	120
ggatagaccc	ttgtaatctc	tgtgatccct	ggatgttcac	atgagctctt	gactgatgcc	180
cacttctctg	atgttggtgc	acattttacc	tggatccctt	ggaagggaag	gaaacaaaaa	240
ggatcagcaa	tatgaacctc	ttaatgtgag	taaatgctaa	tcaaacccaa	taacaggccg	300
ggcatgggtg	ttcacgcctg	taatcccaac	actttgtgag	gctgagggtg	gtggatcacc	360
cgaggtcagg	ag					372

<210> 136

<211> 371

<212> DNA

<213> Homo sapiens

<400> 136

ggatttgtgc	tgcaactgaat	aaaaacaagc	agctccaact	tctcagggct	gctctctggc	60
cactagagcc	aggcagtcac	ctagctgctg	ttatgctgca	tacctgtctc	tgagtactgc	120
cttcatccat	cggccagggt	ctgtgggaca	gaccaggcag	gtgggtcccc	atgtgaggaa	180
cgctgcaatg	gattgcaag	gaacccctga	aaacaaatgt	gaagcgactg	agcattgtta	240
tccttataac	accaggacct	aatgagctat	agcgccctcg	atggattctt	ttcgtcctca	300
cactttgaat	gctttttgtc	ccctccccc	atcaaaaaac	agggggtggg	gtcctctacc	360
agctcgcgcc	g					371

<210> 137

<211> 402

<212> DNA

<213> Homo sapiens

<400> 137

ggcacgagaa	aaagagagat	aatctctaaa	attttgtgag	ttttctgata	cttaactgtc	60
aaaatacagc	agatatctca	agtttctctc	gttgtaaaat	ggacttattg	aaactttgcag	120
agttttttct	caaattttaa	atattcttat	tgtacagaaa	gggaataata	gtaacattac	180
caggggagaa	ccagtaaaac	atcactttag	gcaagtgtac	aaagtgtaca	tcacctgtaa	240
taaaacctat	caatatcatg	tgcccccaaa	tatggtttga	ggaggtagcc	atgtcacatc	300
tgtgcagact	ttccctctaa	tcataaacct	cagtcctaac	atgtgaaaaa	tatcagagaa	360
accacacatt	agggtcattc	tacaaaaaac	tgacgagtac	tt		402

<210> 138

<211> 405

<212> DNA

<213> Homo sapiens

<400> 138

cggtgtgtgc	gcaaaacttg	ggtttattta	taacgaaaca	caggagaag	tttcagcagt	60
tgccccgagc	tgttttgtgc	gtaatgaagt	ggctctttga	ttaaggagct	ctattttcta	120
tttaactgat	atcccactgc	cccactccac	agaataggaa	aatgaacaaa	tcctttctctc	180
tgacttgttt	acatcatttc	acggaaacac	atctttgttt	gcaatgcagt	attctttctc	240
tgtgctcgac	agagatgggg	aggggcacac	gaacttaaga	ggctctagaa	caaacgcgat	300
gctgatcatg	acttggttcc	actctcgcga	cagtgctagt	cttaagtgtc	taccacacct	360
aaaggtaaaa	ccccctcct	tttagcctaa	ggggaggggg	ggaag		405

<210> 139
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 139	ggcacgagga	accttgctac	aggtagaagg	gatgttaaag	acttgggttc	cacaaatagc	60
	tgcccaaga	tcattcattg	gtggtggcaa	gcatacagctg	accaagcatt	ttccaagcca	120
	ccacagtgat	tcagctgott	cctctcctgc	atctcctatg	gaaaagatgg	accgacacac	180
	gctaggacat	ctagctttta	aaccaaagca	gccttggcac	ctcacacaat	ggccagctat	240
	gaacctcacc	tggtaccaca	ccactccaat	ttgcaacccc	cctctcagct	ccccaggtac	300
	tatctccttt	agccatgggc	cttttaggcac	tggaaccggc	attggcgctc	ttcttttctt	360
	ccagcatgga	gtgcaacctt	tcaccacctc	tgccccan			398

<210> 140
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 140	ggcacgaggt	tgactgcaga	gtgaaacatc	cttgcaaaact	cttccacact	ccttcacgac	60
	actgagttgc	catgtgaggt	tcttcaagtc	tgagagtggg	agggatccct	atggagactc	120
	ctattaaacc	cctattagag	gaagagattg	agagacctag	caatgtgaa	taacaagat	180
	caggcagctg	caagtgactc	ctgaatcttg	agtcacgggc	tttcgccact	acagttacagt	240
	gggtttcttt	tttttggctg	gggagagtgg	gctggaaatg	agagtggagg	ccacaaatta	300
	ccctgcagag	cgtggaggcg	tgaggggagaa	catgcttggt	aaatatgcag	gtagattagg	360
	agacacacaa	cagagattca	gacacagtaa	ggctgggatg	ag		402

<210> 141
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 141	cgtgtctgtc	ggtaagctaa	caacaacatc	aggcacatac	acacacacac	atatatatat	60
	tttttctctc	aatgcaatga	atatatttat	gagcatctta	tgtggggca	gcactctatt	120
	tgtgaaaaat	tcaaaagatc	acctgccctt	aggaatcttc	tggtcaactg	tacgagaaga	180
	aggaaggggg	caaggtgaga	caagtaagca	aataattatg	gacttgactt	ctgggcagaa	240
	gctatcacag	ctacatttgt	taattgctca	gttaagtgtc	ctttgaaatg	ttctatagcc	300
	atgtctccat	taagaatatg	aaatcgggcc	gggcgcgggtg	gctcacgcct	gtaatcccat	360
	cactttggga	ccccagggga	ggtggatcat	ttgaggtcn			399

<210> 142
 <211> 317
 <212> DNA
 <213> Homo sapiens

```

<400> 142
cagaggtttgc agtgagctga gatcgaccca ctgcactcca gccctgggcaa cagagcgaga      60
cgtcgccaaaa ttaaaaaaac caaaaaaaa agggggggggg cctttttctt tttttccccc      120
aactctgaaaa aatctttttt tgtgtggggg cccccccccc ctggagggggg ggggaaaaaa      180
cccttttttt ggaaaatttt gggccctttt tttttttggg ggaccattt aatcccccac      240
aaaaaaagta aaacaccccc ttggtttttt tttttatttc cgggccggggg gggggggggg      300
ggggttgttt tccaccc

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<210> 143
<211> 406
<212> DNA
<213> Homo sapiens

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<400> 143
gccgttctgtc tggccctgta atcccattta ctggggaggg tgaggcagga gaatcgcttg      60
agcccgaggag gcggaggttg cagtgaagctg acatcgctgcc actgcactct agtctgggtg      120
acagagcaag actccattct aaaaaaaaaa aaaaaaaaat tttggaacc taggggttta      180
aaaaaaaaaca aaaacatttt tcattttggg ggggtggaacc ccaaaaaaaa accccatttt      240
aaagccacccc tttttttaag ggggaaggtc ccaaaaaaaa ggtgggcccc cgcccttgta      300
cgggataaaa ctcccaaaag cccccccaaa aaacatcccc ttgggggggg ggacttaacc      360
cggggggttt tgggggagaa tggttaagcc ccaaaagggg gcctaa      406

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```

<210> 144
<211> 398
<212> DNA
<213> Homo sapiens

```

```

<400> 144
cgttgctgtc gggcccccagg tggggagatg actccaggag gggacctgcc aaggacctgg      60
gcagccagcc acgtgtttctg tgccttgcca ctgccagctc caaactcaca gtgtcatggt      120
gggtgggtgtg tgggaaaacg tcctctgtct atactttctga catcagttgt gtgggtattt      180
tcacacacaaa caattcttca acttctggaa acgaattggg tatccaagga ttccattcag      240
cattgaacagc aattgcccag gtgcacacta caggagttag tacagacccc acagattaa      300
ggctcagtc cataaagact ccccaacttc agatgccagt cacaacttcc aggggctgcc      360
catactctg ttcctcagc gcccttgcag atgtgagc

```

```

<210> 145
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<400> 145
ggcacgagca cagtatgaac tactgtgat gtctctgttg gggatcagag ggtctggcgg      60
aacgcgagaa gggcaccagc agcattccac acccagctct tcctcacctt cctgtctagt      120
tgtaattttt tttttttctt ttctttttt ttttttttaa attaaaaagg aaaaaggggg      180
ggtggggaaa aaacctaaac caaaaaagg gcataagggc taaaaccacc ccagaaaagg      240
ggcccttggt tgggggaaca agggcttgt taacccccct tgttttgtt ttgcacaagg      300
tgggcctctg ttaattttca ggggcctatg ccccatTTTT ggccctgggg ggtctggggg      360
taaggctcca cagggtgaa agtccctgc cagggttttag gg

```

```

<210> 146
<211> 406
<212> DNA
<213> Homo sapiens

```

```

<400> 146

```

ggcacgagcc	ccaccctgct	gccttatttg	taccagggc	tttgacaaa	accagtgct	60
ttgcttatgg	gtgctcgctg	gggtcgggtg	gagactgacc	accctgcttg	agccaaagac	120
aaggtgatga	gagatgggga	gaggccattg	gctcccagag	ggaacagcgc	tggctgtggc	180
tagagaaacg	caggtctctg	cagtgtctga	gggcagggtg	ggaagggtag	cagagagaga	240
gagacagaaa	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gactctcaga	300
gtggaatggg	ggggacgcat	ctagacacat	tggctagtca	cgcattgacg	agggagaagt	360
acaggggata	ttataatggt	tttcccggg	ggagccttag	gaatcg		406

<210> 147
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (372)
 <223> n = A,T,C or G

<400> 147						
gccggctctg	ctttttaact	gcttttcaact	ggcttgaggt	gtatctgtat	aaatgggagt	60
cataggggtg	ttgagattaa	aaacaaaaat	actcgcttgc	aaaaacacac	tgctgggctc	120
acactaaatg	tcccagaaat	gtccttctct	tgcctctctc	cactgggggg	gtctatatca	180
tgagcccgat	ggtatgggat	accaggggac	accctcctgt	cttctcgtct	gtccaccag	240
agcggctctc	ttccatggca	ggacctgcaa	atgctggact	cacagaagcg	cttgagaagt	300
aaataacagg	tgaggctggg	ggtgccttct	tattttcttg	ngttgtcccc	agtctgttaa	360
gagacagtct	aa					372

<210> 148
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 148						
accatcgat	tcgaattccg	ctgctgtcga	ggaaatggta	aatgtatata	ctttatgaat	60
aatatccatg	ttgaaaaaga	atctttggat	aactttctaa	aagaaacaaa	caaagagaac	120
ttgctcgata	tcttaacaga	acctgagagg	aagccagatc	ctaattata	taccagaagt	180
aagccaaaga	ctgactctta	taatacaaac	aagaacagtt	tagttcctaa	acaagccttg	240
ggcaaaagt	cagttaatag	tgctgttctg	aaagataggg	ttaataaaca	atttgggtga	300
gaaacacaaa	gcaggacttt	cccagtataa	tcacagcaac	ctctagagg	agcagatctt	360
gcaagaccat	gagtaaaacc	ctcaaggacg	gttcccttcc	g		401

<210> 149
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 149						
ggcacgagga	gccatgcgag	cagctcgctc	ccttgaggaa	agaactgtaa	cagaactgat	60
attacagcac	cagaaccttc	agcagttgtc	tgccaatcta	tggggccgtg	tcagggcgctg	120
aggatgccag	tttttagggc	cagctatgca	agaagaggcc	ttgaagctgg	tgtaactctg	180
attagaagat	ggttctgcgc	tctcaaggaa	agttctggta	cttttttgct	tgacagagact	240
agaaccacaga	tttctcagca	catcaaaaac	aagtattggg	catgttgtgc	aactactctga	300
tcgagcttct	tgttttaagg	ttaccaaaag	agatgaagac	tcttccctaa	tcgagctgaa	360
ggaggaattt	cggagtatat	aagcattacg	caaagaag			398

<210> 150
 <211> 368

```

<212> DNA
<213> Homo sapiens

<400> 150
ccaggctgggt cttgaactcc tgacctcagg ttatctgccc accttggcct cccaaagtgc 60
ggggattaca ggtgtgagcc actgcaccca gcttccttta ctgttcttta atttttaaaa 120
tgactaggag ttttctcttc catgtaaatg ttagaatcag cttaagtgtg attaaaaata 180
cctcattggg attttgtttg ggattacatt ttaattgtag atttaaactt tcctatgtaa 240
ccaacgtaat gtgggccctg ttttgggtgt ttttatacct tgaagcgatt atagcttaat 300
ctttccggcc cgctcactgtg ggttactctc tgtattggca attatatatt tttttctaat 360
gaaaaaag 368

<210> 151
<211> 369
<212> DNA
<213> Homo sapiens

<400> 151
atactgaagg taatagggca ggctgggttc atcagggctg agaggcctgc tgaagatcct 60
tcacacaagag ctgttccttg agtctgtgta gacagttgga aattaaagtg agagaggaga 120
aggaaataatg aaggaggctg ccatttaaaa atgtcttgcc tgaaaactag gcgcgggagcg 180
gtggctcagc cctgtaatcc caacattttg ggaggccgag gcgggcggat cacttgagg 240
caggagtcga gaccagcctg gccaacatgg cgaaaccccg tctttactaa aaatacaaaa 300
attagcagga cgtggcacac atctgtaatc ccagctactc aggaagctga ggcattgagag 360
tccgttgaa 369

<210> 152
<211> 364
<212> DNA
<213> Homo sapiens

<400> 152
agagaggtga ggacagagac agctttattc agcagggacc gcagaggccc cggagggctt 60
cgtccaggga gctggggaga gaggaggagt cagagacagg agagacagac agagatggag 120
agaaatgggg ggagagacag agacagaaat gggggtagag acagagacag agagaaatgg 180
tgggagagag gcagagagaa gtgggggaca gtcagagata gaaatgggga agagacagag 240
atagaagtgg gggagaggca gagacagaga gaagtatagg agagacagag atagaagtgg 300
agacagagac agagaagtgg gggagagaga gatagaaatg ggggacagac agaagttttt 360
atag 364

<210> 153
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 153
attagtgtta tgaacgaag catcacactg ctgcacacat aggaggctac ttgtcgttct 60
tatgctatg accaaagaag gttctcttct ctgtgatagg ccattctatt tggccacggc 120
aagatgtcta ttaattatat gagcaaggat aggaaccctc ccagcccac cgtggcagac 180
aatttagccc tgcggatcaa tgggataaca gatgtctcag cctgaactct ttcacagcag 240
agcatttttc catctctgtt gtggacttca gtgtgagcac tgtgagagca ggaactgagt 300
cttattctgc tttgggtcac tagcacagag gctagcattt ggatggagggt cactgctctt 360

```

363

400> 154						
tctactagaaa	atacaaaaaat	ttgccagggtg	tggtagtgca	cgcattgagt	cctagctact	60
cgggagggtg	aggcaagaga	gtcacttgaa	cccgggaggc	agaggttgca	gtgaactgag	120
attgtgcac	tgcatctcag	ctctggcagg	tgaacagat	tgcattcttc	tcaaaaaaaa	180
aaaagagaga	aactataaaa	ctgggggggg	ggggggaggt	gaccocggcg	ggggccaact	240
agggggtttc	agaggttttc	tttgggggaa	gggaacttaa	tttaattttt	gagggggaaa	300
tqqaacqccc	aqqqqctccg	ccagaacacg	tgaataactg	gggt		34.3

```
<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 155
caattgac gtttatactt aaaattcaga gtacattaca aggacttctg gttgttgagc      60
ttttaagaat tatacagcag aaatcttttc atctggmatt atgagttgct gcaataggat      120
aaagctgttg taaattgatg ggaactcn
                                     147
```

```
<220>
<221> misc_feature
<222> (1) .. (285)
<223> n = A,T,C or G

<400> 156
gaccatacat cattttccat tctgggacag aggaagaaga cgggtggggg agttgatctg      60
gctagccacg agctggagac tgccattcta ttcttcctc ccacttgctc acacggtgtg      120
ttactactat ttctctctgt cccaggctgg agtgccagtgg tgcgatctcg gctcactgca      180
caactctgctt cccagcttca agcaattctt ctgcctcagg ctcccaagta gcaggcatta      240
acccqccctc  ccaccacgcc cagctaattt tctgtatttg tggtn                                     285
```

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<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G
```


ggcacgaggg	aattaccccc	cttgcctctt	gggggctgct	agactgtctt	gccgcgggga	60
gggatgttga	ctgcagagtg	aaacatcctt	gcaaaactctt	cccacctctt	tcacgacact	120
gagttgcoat	gtgaggttct	tcaagtcctga	gagtggaagg	gatccctatg	gagactccta	180
ttaaaccctc	attagaggaa	gagattgaga	gacctagcaa	tgtgaagtaa	caaagatcag	240
gcagctgcaa	gtgactcctg	aatcttgagt	ccagggcttt	cgccactaca	gtacagtggt	300
ttttctttct	ttggctgggg	agagtgggct	ggaattggaa	gtgaggccca	caaattacct	360
gcagagacgt	ggaggcgctga	gggagaacat	g			391

<210> 162
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 162						
taagtaccac	ttttcttact	cctgggtttt	caattgtttt	gacactgaca	ttcaattagg	60
aggactaaat	acacagtggt	gatgatgggt	gtgattatat	cattttatga	tcaacacctt	120
cttcactggt	tgtcttctcc	aatattactt	atgagacagg	aacttacttt	ttcttatggc	180
cctcaacacc	ccccagttgc	tcttagaacc	ctatctcttt	tctgatccca	ttacacaaat	240
ttgagggttt	cgttcccccc	cttatacttt	gtttttctgc	gattttttag	ggacctgggg	300
ttttttctac	ctctcctttt	tctcttaaat	ttttttcttc	taacttagac	ctccccctcc	360
ttttttg						366

<210> 163
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 163						
cggtgtctgc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
gggttcogta	tgttggtcag	gotgggtttg	aactcctgat	ttccgggtgat	ccaccacctt	120
cggccctcca	aagtgtcggtg	attacaggcg	tgagccaccg	cgctcgccgc	gaaatcatgt	180
aatttaaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtcacgctt	240
agacgggcct	gggcccagaag	ttgggccatg	agacctcggtg	accgcagagg	ctgcgcgccg	300
accacgcgag	cctctgaagg	tgcaccgcga	ccccactggt	ttatcttact	gcctcatagt	360
aggcacattg	togttctcaa	tataattgca	caca			394

<210> 164
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 164						
cgctctgtcca	tctgtcgctc	ctgccagcac	agggggatgg	tcttggtctt	aggggctgca	60
gaacacagca	aggcccagag	gccagaggct	gcaggcgggc	ctgagggtga	acttcccccc	120
gagaaagagt	ctctggaaga	gaatgaatgg	cccagcaggt	agtgagaact	ctgtcaactag	180
ggtatataag	ccgggatgga	cacagggaa	gacatttctg	catcagtggt	gggtccccat	240
cagttaagag	agcctgtgac	tctgtcgagg	gacctggggg	ggtggcacca	gagcccaggg	300
cacctgaggg	cctgtctgga	tgcagctgct	agtggtcata	ggacagcaaa	cactattcat	360
tggattct						368

<210> 165
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 165						
cggtgtctgc	gcctcagga	ggcctgagct	tggtcctttt	cctctctgct	tggattctgg	60

accacacac	gggaccaac	ttcagctctg	gaaccttc	aaagcaggtc	agcgtggcct	120
gatgtgccca	ggacctgaag	ggagcaagga	tgccctcagg	cgccttgagaa	gtctgcctact	180
ctctgtccta	tgcgtgaact	ctcgtgttct	tgcagaaact	cagaagcagc	ttgcctctgc	240
aaattcaatc	tcaatggcca	ttgtccacat	aactgatcac	ccatggctgc	ctctctctatt	300
atctattatc	actgaaactc	atgagctcgc	tttttttttt	taaagctatg	gcgaattcttc	360
ctctatggag	atccttgaa	ctggtttgaq	ttttccccc			397

<210> 166

<212> DNA

<213> Homo sapiens

<400> 166

tccagtttaa	aggaacatcg	gcggggcgcg	gtggctcatg	cctgtaatct	cagcactttg	60
ggggggcagc	gagggaggac	caccctgact	tagaagatga	agaacaacct	gtgcactcatg	120
ttgttcgaac	tgacttagaa	aatgtgggtga	ccacagcctc	ctgtatgaa	cgtgcaaaaga	180
agtgtgcaga	cttaccacct	acggactctt	tatgagtttg	ttccccctt	tggaagacttc	240
ccctcgctgc	ctttttctcg	tattataccc	cccaacatct	tgggtgggtc	ccctcgctga	300
ccttaaaatc	taaa					314

ttgctgaacc tgatctagaa aatggtggta ccacagcctc cggcttagaa catgaaaaga 180

agtgtgcaga cttaccctt acggactctt tatgagtttg ttccccctt tggagacttc 240

ccctcgctgc cttttctgcg tattataccc cccaacatct tgggtgggtc ccctcgctga 300

ccttaaaaat taaa 314

<210> 167

<211> 396

<212> DNA
<213> Homo sapiens

<213> Homo sapiens

100-167

cgagcagagct gtgagccggc gactcgggtc cctgagggtct ggattctttc tccgctactg 60

agacacggcg ggtagggtcca caggcagatc caactgggag ttgaagtgtg agtgagaagtg 120

aaqaggaacc agcaggcttc cggagggttg tgtggtcagt gactcagagt gagaaggccc 180

tcgaaatcgt cgtccctctc atgcggtgcc acgcccatgg accttcttgt ctcgtcacgg 240

ccataactag ggaggaagga gggccgagga gtggaggggc tcaggcgaag ctgggggtgct 300

gttgggggta tccgagtccc agaagcacct ggaaccccga cagaagattc tggactcccc 360

agacgggacc aggagaggga cggcatgagc ggtatg 396

<210> 168

<211> 397
318 EN2

<212> DNA

<213> Homo sapiens

<400> 168

cgattgctgtc gggcacgtgc caccacgccc gaccaatttt tatattctta gtggaqacag 60

ggttgcgcgc ggggcacggt ttttttgcgc ggggcacgcgc ttttttgcgc ggggcacgcgc
ggttttcgcta tgttggtcag gctggttttg aactcctgat ttccggtgat ccaccaccct 120

cgcccttcca aagtqctggg attacagggc tgagccaccg cgcttggccg gaaatcatgt 180

aatttaaaac tatatatggg tgtcttaggc ggcacggtc ccaactctaa agtacgcgtt 240

agacgggcct gggccagaag tgggccatgg agacctcggg acccgcaggg ctgccgcccg 300

accagcgag cctctgaagg tgcaccgcca cccccactgt ttatcttact gcctcatagt 360

aggcacattg tcgttctcaa tataattgca cacagtt 397

<210> 169

<211> 183

<212> DNA
213 Homo sapiens

<213> Homo sapiens

<100> 169

ctggtacggg tcggataatc ttcgtaaatgg tggcgggtgtg cctcgcttat taagttgatac 60

ctgggtacggg ctgggtacgct cctgggtacgct gctgggtacgct cctgggtacgct cctgggtacgct
gcttctgtgaaa ctatttctctct ggggagcgtgt gctgaatcccc tgcgttttttt ttttgaatga 120

cgtccatttt ttttcgtgaa tgaagtgtcg ttcttctttt tcgttgtgct gtttctcatg 180

183

cgt400> 170								
ccgttgctgtc	ggcagacaca	cacatgcaga	caaacacgcag	acacacacat	gcaggcactc			60
acatgcaggc	catcgacac	acaacgtgcac	acacatgcag	agacatgcag	acacgcgacc			120
acacatgcac	acatgcacaa	acacagctcat	agggcacacgc	agacgcacga	agagcagacc			180
atgcagatca	acatcgacac	acacatcacac	acactggccc	ctgttttctc	gttggtgtcac			240
tggtgtgcag	caactcgcta	tctccacact	cccactaaaa	ctctgggctc	aattctctctc			300
ccgtgccccc	ccctaatact	ctgatggatg	aacctagagc	tgtcctgtcc	actccaggcc			360
gaactcaacc	acccatatcc	cccagcagc						389

[illegible]

```
<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G
```

[illegible]

<400> 173							
gcaggttgta	cagaaagcca	actaaggatg	atcaaaaact	ttcagatgat	cttgactttt		60
cagttgaggt	ttgaaattaa	aaatctatat	gagcacctga	ctgtataatt	atgtaatttt		120
ttttccagta	atataaaag	ccaagqaaaq	cagatcagta	qatcqaatca	agattaaqaa		180

tttgttggtg	ggctgtgcct	gcaagtcaaa	gaactgtcct	tcaagccaag	agttctggag	240
gtcattcaat	gggaaggctg	aaggtcagat	gctttgttaa	gactgaagct	tggtcgggca	300
cagtggtcga	cacttgtaat	cccagcactt	tgggaggctg	aggcaggtgg	atcacttg	358

<210> 174
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 174						
acaagggaac	tgggcaatgc	cttgggtgaa	ttcaaacact	agaattgac	cctgaagaga	60
cagaaacct	aagcacacca	tgaaccacc	ggagaaagg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gctcacgcct	gtaatcccag	cactttggga	180
ggcgaaggga	gaatggcgtg	aacccaggag	gtggagctta	cagtgaagcg	agatcacccc	240
actgcactcc	agcctgggca	gcagagtgg	actccatctt	aaaaaaaaa	aggaaaagaa	300

<210> 175
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 175						
tagtagagac	gggttttcac	tatgttggcc	aggctgctct	ccaactcctg	acttcatgtg	60
atctcgctgc	cttggcctcc	caaagtgcag	ggattacagg	cgtgagccac	tgtgcctggt	120
cttctcattt	gcttttattt	gtacatcaat	tttagcatgt	attgctatta	gccttagatc	180
ataagtaatt	acaattatgt	gtgtctatat	cattgcatag	ttgcatttgc	ctgtttctct	240
tacagattgt	ggcacactag	gcatttttat	ttcccataaa	tcctagcaca	gagacttgta	300
cg						302

<210> 176
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 176						
ctctccttga	ctgtaaaggc	aatatcttag	agtactttgt	atctccagca	catagcaaat	60
tgcttttgca	gagtagggtt	taacatatgt	ttttgggtaa	tgggtggcgat	gatgcaataa	120
aggacagccg	ttattcaatt	tactctgtgg	cactaaggca	acttgaaaac	tctctgttgt	180
aacctgacat	agagctttgc	atatagtagg	aactcagcac	atgttttgga	gattttaagc	240
aattattttt	tttctgtttg	gattagctctg	ttctcacacc	gctgtgaaga	aatacccaag	300
actgggtaat	ttataaagaa	agaaa				325

<210> 177
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 177						
atatcaaatg	gatgtgccgg	aaggcagggt	goggcagagg	caagtcagat	cagctctctgc	60
cactactgat	tgtgtgactt	tgaacaaata	agcctgtttc	cttaattgtta	aagaagaaat	120
accaatagtg	tccaggctcat	ggtggcggtg	tgataatata	ataatattgtg	taaggctcca	180
ggcagtcctt	taccttactt	ttcctgacca	gtaggaaatg	ttcaataata	attaacggca	240
attttttcca	ctttgtcaca	atgattctta	tgaattatct	agatgagaag	gtagagctga	300
ggtcatcttt	ccagtggtga	cattcaaac	cttttcacaa	tacttagaga	cac	353

<210> 178
 <211> 329

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 178
attgtgttct gaaaggaacc aagggttcccc agtaggtctca attccaaagta gttttccccc 60
caccactctg tggctcttta ttatttagga ctgtgctttt taagctcccg tttttctagg 120
ggcattatca caccagagtt tcactgctgt ccagagtta cctctgcatg aatgtctcta 180
ggctgattgc tctctgctga gtactaacga aggaatcca acattcatgt tctactttgg 240
cctttctgat gacacaggag cctggcttgt attcagtaca catatatgta tgttatgtga 300
cttgactagg ccataanaac gataaatan 329

<210> 179
<211> 353
<212> DNA
<213> Homo sapiens

<400> 179
ccgggttaact catcccatcc tatgtcttct gaagtacccc tgcaatccct aatgectaat 60
ctctgtttgt ctggctgctt acggaatgag gacaagctga aagctctggcc tctcagtttt 120
gtctcccact gctcgactac ttttctattc tcaaccacag ccaccttcac atacccccag 180
ttgtgagctg gtcaggagga tgtttctggt caatgagatg tacaaccggg gacagtatta 240
gcgagagcat ggaagaaatg gaatttcacg cgtgaatat ttgacaaca tggccatgat 300
ttaagaaactg gcgggatttt tctgggcccc caggtgatat tatttgcccc gaa 353

<210> 180
<211> 356
<212> DNA
<213> Homo sapiens

<400> 180
gaggaaaata cttttctcta gcatcgtagg aggaagaaaa caaacacatc agatatattc 60
agcactaaaa gagatggttt tccccacata tatgtaaaaag aaatttgcaa gactactgga 120
ttttgatctc atggttgacg tgggtgaata ggtggccttt tgtgatctcc ttcacacccc 180
tggaagtggag acttctctgg tttctcttag agtcagtttg gtatcagaaat ggcaagcaaa 240
cttaaccttc cagaaaatc agatgattgg aaaaagagag atgtaaatca gtggttagaa 300
agtacataga ttgacaaaa acacagggaa attttgactg aacaagacgt gaatgg 356

<210> 181
<211> 352
<212> DNA
<213> Homo sapiens

<400> 181
aattagtgg tgaggaaact attataaaga ctattccagg tgctttaggg ttcagccaca 60
acctatgata aggaataacct attataagtg ggtgcttgta atagatatta ccatattatc 120
tatgactcca ctttaatact cattgttctg ggtccacct gatattatga tatgaatctt 180
tttagctata ctctgatcca gaagatcaca tgattagcat caatttctaa ggacagtaat 240
aaacttgata gttctgagca aatacataca ctacagaata gtcattcaac aaatatattat 300
tgctcgcta ctatgtatgc tatatatacc tatatgtaac acacatgcaa ag 352

<210> 182
<211> 384

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 182
cggtgctgtc gggggagtgg atgctgctga attgtgatta attgggggag ccataatagg 60
acatttggca tgccttgggc ctatgcggtc ttacaatccc tgtataaaac tagacaatga 120
aaaacagaaa acaaaacaaa caaacaaaaa aacagaagcg aagcacctac cacatgccag 180
ctactgaggg tatgaaggta ttctccggcc ttagaagacc caggattaat gcaggattgc 240
gatattttaa cagaacattt ccatacagca tgagtataaa tgactttccc aagtttacac 300
tgagagtaac tgacacagca accccagcaa agtctgagct gagtcttgaa taattgtata 360
aaaaggggag agaaacagag tgan 384

<210> 183
<211> 328
<212> DNA
<213> Homo sapiens

<400> 183
gaagcctccc caggcccaaa gactgggtta gagctttccc ctctgtgtgc aatgtctcat 60
taattacata accaagtcta ttatacacia agtctaacct ccactagag tgggagtccc 120
caaggagact taaggctact atcttcgtta gctagcagc gtgtcagaa aacgctaaga 180
ataaaatagg tatttactac tcaggacata gtacagagtt attgtatat tattgaactg 240
aattgagctg tctagtctgc cctttaaacc cagggtgttt agtatttgga aatatggaca 300
atgatacctt tgggtgttct taaattca 328

<210> 184
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 184
gtatatgatg ttatgttatg ttatgttatg ttatgttatt gttacagaat tctaaatggt 60
gacatagaaa ttatttccct tgagtatagt acatattgct gctaaataat agaactgtgc 120
tgattggtat ggggggtggg gtttngaat tannataag nanaaattat gggacattgt 180
agaattttta ttgttttcaa attaatgcaa aataatgact agcccttgat tgttgagaca 240
cagtcacctta ggaggtttgc tttaatgaac agataagaat cactggtggg cgggocgagc 300
ggcttacggt tgtaatccca gctctttggg aggcgagtg gggcagaaca ccttga 356

<210> 185
<211> 352
<212> DNA
<213> Homo sapiens

<400> 185
gatcgcgcca ctgcactcca gctggggcga cagagtgaga ctctgtctca acaccaccac 60
caccaccaac aaattacttg tegtgtgaag ccaccagtt tgttgtggca gccctaggaa 120
acggaaaccc acaggtgtgt ttccctaggag actgtgagtt tcacgagctc cactctccct 180

```

ccccctatgcc agatggccaa gttttctgct tggcgcatct cctgagccta gcactgaggt 240
gtccctcagg aactgtgccc atagactagt ctacagattg tgaagtagaa acagggtcccc 300
catgccaggc gcggtggctc acgctgttaa tcccagcact ttgggaggcc ga 352

```

```

<210> 186
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<400> 186
taatgaaaaa agtgttttta aattagcatt ttcaatgggt ttcaagtctt gttaagcact 60
gaaccaagata agatgaggtg aggttgcagc aaattaacct gtattgcagg cataaacacag 120
aaaatctagg cctaaagaaa attagacact gagaaaagta gcggaacctg ggaatactc 180
gtcttttgaa aacactcctg gtggggtaga atttctggaa tacttttgga tgtttccttt 240
ctggttccaa ggactagatt aagtggcctc tgagtgcgca ggttgggggc agagcctaaa 300
ccggggctgg gtctatgtta tctgtgtaca agcagagcag tgggggtgagg agaata 356

```

```

<210> 187
<211> 355
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

```

```

<400> 187
ctgggggttaa gcggaaaatt aaaaattcag aacaaccata gtctgttctc tgtcacctgt 60
aatttaggtct aatatctcaa ttctctgtgt atggacattt ctcttacagt gtgtctttac 120
ataatgggta ttggatgtta tgtgatcaat taattagagc atatgattta cattagtcaa 180
acctgtattg attacaaaat gactatgac tgaaagtanc cttgcgtgtg tgtgtgtgtg 240
tgtgtgtgtg cgtgtgtgtg tgatataaga ggagatcctg ctttgtatgt ggccaacttg 300
gggaggggga tggaaatttc actatattac tgcgacgtga gcacacacct acggt 355

```

```

<210> 188
<211> 358
<212> DNA
<213> Homo sapiens

```

```

<400> 188
ttctcctgta tcagcctccc gagtagctgg gactataggg acccaccatc acgcctggct 60
aatttttttt tttttgaatt tttaagaaaa aaggggggtt caccgggtta cccaggagg 120
tctaataccc ctgacctcat gatccaccct ctttagcctc ccaaacctgc gggattacag 180
ggggagacca ccgggcctgg cccaccagga gctatttcat agggctcttg gggccggggg 240
gttttttgga aaggggggtt ctttgattta cttggaaaat aggcctcttc aaagcggggt 300
ttaaaaaaca cccactgga attggaaaaa attttttgaa gggccttttc gaaccttc 358

```

```

<210> 189
<211> 301
<212> DNA
<213> Homo sapiens

```

```

<400> 189
acaagggaac tgggcaatgc cttggtgaaa ttcaaactc agaattgac cctgaagaga 60
cagaacctc aagcaccca tgaaccacc ggagaaaggg aaaacgggtt gagagatcta 120
ctattttgaa aagttaggcc tggcgcggtg gctcacgctt gtaatccag cactttggga 180

```

```

ggcgaaagga gaatggcgtg aacccatgag gtggagctta cagggagccg agatcacccc 240
actgcactcc aacctgggca gcagagttag actccatctc aaaaaaaaaa agaaaagaaa 300
g 301

```

```

<210> 190
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<400> 190
cgttgctgtc gctgaaggga gcaaggatgg cctcagggcc tggatgaagtc tgctactctg 60
tccttactgc tgaacatcct gcttgatata ggaactcagc aagcagtttg ccttgctaaa 120
ttcaatctca atggccattg tccacataac tgatcaccca tggctgcctc tcctattatc 180
tattatcact gaaacttaat agcctgcttt tttttttttt tttttaaaag ctatggggat 240
tctccctgtg ggggaaccct tgaccgggat tgggggtttcc cctcctttgg gaaaattata 300
atccaaaagc cttttttttt tgtttaaatt acggaggggc atcccctaaa ggagtcgcct 360
ggccctcggg gggataaaca aaggaa 386

```

```

<210> 191
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)... (386)
<223> n = A,T,C or G

```

```

<400> 191
cgttgctgtc gaaattgtat ggagaatggt atttaaaaag tgtttggaga ctttgcagct 60
gtccctataaa atgttgaagt gtgtatgtga tctacgtaga aagaatatta aagagttaggt 120
ggagctccttt ataggcgagt acagccttaa atatgcttgt atagcatcca ctgncagaaag 180
taaatagtgtg gccctcagact tggggggttg atgtcgccct gggggagttt ctacctttgg 240
tatgcatgag cgggtcctat tagcatcagg gggaaactcaa tactgtgtac gtatccacaa 300
aagggatctt gacaccacac ggtattctta atttctgata ttaacaacgc tacatactgc 360
tggaaacttaa actaagaaca tttagg 386

```

```

<210> 192
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)... (356)
<223> n = A,T,C or G

```

```

<400> 192
aaaggtcaag ctgtgctatc actgttaccg tagttttggg cttattggat gtgtccatag 60
tgaagccaac tccaggcctg acaccaggt ttgactcgag ggtcttcagt atccctggtc 120
tgtgcactcc tgcacacgga gaggcgattt ataacaaaag ctggcagggt gcagtgactc 180
acacctgtaa tcccagcact ttgggaggct gaggcggttg atcacctgag gtcaggagtt 240
tcagaccagc ctgaccaaca tggtgaaacc ctgtctctac taaaaataca aaaattagct 300
gggcactgtg ttgggttgcca gtaatcccg ctactcgga gggaggctga ggcaan 356

```

```

<210> 193
<211> 357

```

```

<212> DNA
<213> Homo sapiens

<400> 193
tgtcaccctcaa gctggagtgct aatgggtgcga tctcagctca ctgcaacgtc tgcctcccag      60
gttcaagcga tctctgggag gggaggaggga gggagcaag gagagaggaa cgcaggggagc      120
agagcctgac ctggctcacgg gggctctggga aagacagagg cttttgttag agccggcagc      180
tgagggcgca ggcggagcag ggggttaggcc agcacaggac gaaaaggaaag aaagtccag      240
gtggagtctg gtggagaaag accgacctgg aaggcaccag catgtgcacg tggcaactga      300
ggtcgaggac gtgcctgaga aaggaggagga aggtgccctg cggaccgggt aggggtgc      357

<210> 194
<211> 357
<212> DNA
<213> Homo sapiens

<400> 194
ttgaacctgg gaggtggagg ttgcggtgag ccaaaatcac accactgcac tccagcctgg      60
gtgacagagc aagactctctg acaaaaaaaa aaaacctaga aggtttaaatt ttttgttatt      120
ttgacccaaa gggaaaaaaac tagtttttag ggtgggcgct gcctgtgaaa actgcttttc      180
ttaaaaagcc aagttttcca cactgttgaa ctttgacttg ccaaacatgt cagcagggtct      240
ttcagctcttc aggaaaaaag gaaggggagt tccttggcca gtgacctttt tgtctgttta      300
cgaaggctc gggattataac ccagtttttt cgagccaca ggagacagcc ggtgtg      357

<210> 195
<211> 357
<212> DNA
<213> Homo sapiens

<400> 195
aggtgccctg gtgtgtctac agagaggcca agcctggaac aggcgcctgt gtgtgtacag      60
agggcagctgg aaaccaagtt acgtgaaagc ctccaccagt tacctctggg ctctctggcca      120
gacgaggttt ctgcaggag gacagactga agctcaaatg ggcagtagt aaggcggtct      180
ccattgcgcc caggctcagg ccaccgcccc gcaggaggga aggtgtctga agcttactgt      240
ccgttgagca ctggaggctt atgcacctgg accccagtgc catccaggtc ttctctgttg      300
gccaaagggg aaagaggctt ctgaaggct gaggggagtc cagtgcagcc ctgagac      357

<210> 196
<211> 357
<212> DNA
<213> Homo sapiens

<400> 196
atactactct tgaattatc ttctaacaac gttgatacat taggotatct gggataata      60
tgaagatact tgatttaatt ccaaaaaaag cacaattggt tgactcaca ttctggtact      120
ttagttaaac ggttttggtc ttatctgggc ctgatgagat accataatct acacgaatat      180
tatctaaact aaacttttta atccagtata ttagtgcgaa ctattctttt tttttttttt      240
gggatggggg cttgcttttg acctccagct ggggtgggag gggcgatttt tggcgtattg      300
tgcgccccc cctccggggt aaaagaaatt ttccggccct aaccccgaa gaaacgg      357

<210> 197
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

FOR THE RECORD

[illegible]

```
<210> 198
<211> 353
<212> DNA
<213> Homo sapiens
```

400> 198									
gaggaagacgg	ctgggggacgcg	cggcggaaggt	ggtgagtgct	cttgggcgc	ttctcccaac	60			
gtccctcgcca	gactcgctc	cgggtctgatt	ctccagttgg	ttctctgac	tcacagtag	120			
ctctgcgcgg	tggcccccga	ggtcgaaagt	aagaaatagt	aagtcaaga	ccatgggaga	180			
tatcgacaaa	ctctatttct	tgaagcgac	tgaagacgg	gggggtcgt	atgatgatga	240			
ctctcaagaag	ggtcacccc	aacaaagat	tttaaatata	gatgcacgt	ctaaagggca	300			
tgcacgtaaa	atgcaaaaa	gcctctaaaa	aaagaaagat	acaccagga	act	353			

```
<210> 199
<211> 353
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (353)
<223> n = A,T,C or G
```

400> 199							
ctacgaagaaa	ctaattaaga	gatggaaatt	cttgattttc	tgttgaaaaa	ttataccaat		60
ttcttttttt	tccttgatat	atgcaaaaac	aagcctcacc	tcgagtagtg	ctaattttaa		120
caatagctggg	tatttttttc	tcacaacatg	ttctaaaaaa	aataatactg	gatgaccaca		180
tcgcacagaa	ttttttggat	aaatttccaat	tcataacagt	ctcagagtaa	gataacacga		240
aaactgtctc	cttgacctat	aaggtattga	atagggatta	gtatctcaac	ttttgtagtt		300
tcgaagaact	anacataaqt	tcqccaattc	ataaaaaata	tatgattcca	tac		353

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<210> 200
<211> 329
<212> DNA
<213> Homo sapiens
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400> 200						
atcattctgaa	acaagaaaaac	ggagggtctca	gtgtgccaaa	agaacaccg	tgcactccag	60
ctctgggcaac	aagaacggaag	ctccatcgct	tagaaaaatc	caaaaaagaa	aaaaaccggg	120
gggggttttc	tcgccctcttc	cgggagatgt	cgaagaacaa	ggttggtttt	tgtaaaagca	180
aaaaaaacac	cgggggaaaa	aatgagcctt	ttttaaacc	cgtggagctt	tttgtctctt	240
ctcgagggct	ttttttctgc	gtttaaagat	ggggaaaagc	cgggggggtt	tttttttatt	300
tttcgctccq	gggggggggg	cagacatct				329

<210> 201
<211> 385

<212> DNA
<213> Homo sapiens

<400> 201
cgctgctgtc ggttattatg gataaaactat tattgttaat tccgggcaag ccacttgctt 60
ttctaggcct gcttctttgt tcatataagcg gggagcacgg ttcttgtgag gattacatgg 120
gagtgatgag tataaaggag actgcaaacc ctatccagag ccataccctt gggagtgtca 180
ccgtggtaat cagagtcctgt tattctctaca ggagctccat ccaccaactgc tctgcagggg 240
acaatgggtg ccttcatttc ccacagggtc cctacccttc tccatcgata cacactaaca 300
tatgggaaat gaaggccac cctgccgggc ttctatactc tagaatgcgt gaatttttgc 360
tcttgccagc ccattaaaag ggcta 385

<210> 202
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 202
ttggctcagcg atgctgtgtga gatgtaacct cagaaaaagca agattaagtt atagctatcc 60
cacagggtcac ctctcatgcaa ttagaagaaa gtgtccctcc agaagatgca gccccctcca 120
aggggcatgt cttggcaaat tcatcagccc ttgtataaat tagaaaaagt caacttcctt 180
ggatagatgc agccccagag gtatatggct ttgtgaagag ccagatttca gcaccaactg 240
gcctacagaa ctatatcggt tggcctgtgt tgtttttttg ttaccagata catagcaact 300
tatctgtgtg actttgtcgg ctctctgtag tgaaactagg gatttattec taatn 355

<210> 203
<211> 353
<212> DNA
<213> Homo sapiens

<400> 203
acacggaggg gtcaactgcc ccagcgcccc acggtttcca gccttggtct gtctcttttc 60
acctggccca cgggtgatgc gtgctgtgct ggcctttctg cagggtacag tgcgggtcagg 120
aaaggtgtgg ttccctggagg agccccagcc ctttgcctca taccaggcca gccgtttcca 180
gtcctgaggg tttttcgac tgatctctggc tgggaactgc ttcttactag gagaagcaag 240
agatccaagt ccttcagtca gacgtgctc tcagacatca gaggggcagg acactgaatg 300
cacatgtggg ttctgagggc tcttttctct ttgaaatcct gcaacaatta acg 353

<210> 204
<211> 385
<212> DNA
<213> Homo sapiens

<400> 204
cggttgcgtc ggtgtatttc attggaattt gatgacttga aaaaaattac caattcactg 60
actgtgcttt gcagtgaaaa acagaagcaa gaaaagcaaa gcaaaagcaa aaagaagaag 120
aaaggtgtgg ttccctggagg gggattaaaa gccaccatga aagatgatct ggcagattat 180
gggtggttatg attggaggata tgcacaagac tatgaagact tcatgtgaca ttttatcttt 240
tcttggtgtc attctttatgt tgcccacaat ccttgaaaca ttgagcaca cttctctttc 300
tttcagttct gccaatgtct acaatcagaa gtgcagatcc ttttgtgtgt gttatttaac 360
cccttgacac ttagggtgcta atgtg 385

<210> 205
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 205
 cggtgctgtc ggtgtatttc attggaatt gatgacttga aaaaaattac caattcactg 60
 actgtgcttc gcagtgaaaa acagaagcac gaaaagcaaa gcaaaagccaa aaagaagaag 120
 aaaggtgtgg ttctcggagg gggattaaaa gccaccatga aagatgatct ggcagattat 180
 ggtggttatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240
 tcttggtggc atctttatgt tgcccacaat cccttgaaca tgtagcacaa ctctctttcc 300
 tttcagttct gccacatgct acaatcagaa gtgcagaatc tttgtgctg gttatttaac 360
 cccttgacac tttagtgcta atgtgca 387

<210> 206
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 206
 cggtgctgtc gctggatagt agttgttctt caggcacttg gaggccttgt aatagctgct 60
 gttatttaagt atgcagataa tattttaaaa ggatttgcaa cctctttatc gataatatta 120
 tcaacattga tctctatttt ttggcttcaa gatattgtgc caaccagtgt ctttttcttt 180
 ggagccatcc ttgtaataac agctactttt ttgtatgggt atgatcccaa acctgcagga 240
 aatccacta aagcatagtt gtatactatc ttttaactggt ttttcacgat ggggcactag 300
 gaatctcgac attaatcttg cacagaggac ttctacagag tctgagaaga tatcatcatg 360
 ctgaatctga tcatactggt 380

<210> 207
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (344)
 <223> n = A,T,C or G

<400> 207
 gatagtgaat atattctctt actcaagagc ttaaaaaatta gctattttat aaaaatttgt 60
 tacatgtgga ttacaaaacc tgtttctctt gtaaacagca gagcggtctt gattttctta 120
 atgtctaaag tcattactct agaaatacac cctatggtgt ccttgaggaa accatggcta 180
 tggcttttgt aactgggtta caaaatcagc tcacgcccag tgcgatataa aagtcacag 240
 gctctgagtg aggaataaga gctctactct aggtaaaatg cttgaatttt ctgttctgga 300
 tggctcanga gactttttga gggggatctc agtgacattt tggga 344

<210> 208
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 208
 ttgtgatct gtcatggtca tggattttca gagttggagg atggtctgag ttctgacctg 60
 ggtaggaat cccttctccc aaaactctaa cagtacattc tcagggtctg tgagctcagg 120
 ctaagacac attattttct gatgctggac agctctctta aaaaaattga gtttcttaca 180
 ttaagctaaa attttattta tgaaggttca agaattctgg tccaatttgg gatgagcgct 240
 atggtgcagg attctcgtga aattttatga gattacaaat gcaaaacact tagaacagtt 300

tctggcctat tgccagaatt caataattga ataaaggcag gcagaaata 349

<210> 209
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 209
cctggctctca aagtctcagc ctcaatcaat cctcccacct cagcctctcg agtttctgga 60
attacaggga tgagccacca gcgccagcta aatgactgct tttgaacct acttttcttc 120
tgcttttttc ttatcaactg actttgttta ataaatcctt gtctttaagg tcacagactt 180
tatgttaatt tgtgggttag catggagggtg gggcaagagg tcccgtttct ccaccaggta 240
accaggccat gctgagaata cttccctcag acatttctct aagcatgttt tgggaagggtt 300
atacttccac actggaatta tataagtga attgaataaa acccan 346

<210> 210
<211> 345
<212> DNA
<213> Homo sapiens

<400> 210
ctaattacgg ctaatcacag tagaaaaata aacttgattc cctttcctgc atggcttgag 60
catgaaatga gagaaggagc aagacaacct ccgggtattg tttctaattc tttaaaaagt 120
tgtacttgca gccaggcacg gcggctcact cctgtaattc tagcactttg ggaggctgag 180
gcaggcgagat tgcttgagct caggagtctg agaccagcct gcgcaacatg gtgaaacgcc 240
gtctctacta aaaacacaaa aaattagcca ggaattggag tgtgcacctg tagtcccagc 300
tactcgggag actgaagcag gagaattgct tgaaccagg aggca 345

<210> 211
<211> 347
<212> DNA
<213> Homo sapiens

<400> 211
ggcgacagag cgagactcca acttaaaaaa ataaataaag aaaaacagga tgcattccagc 60
ttgtctcaca cactctaccc tgggtttata tttattatcc acgaggaaac atccaaaaatc 120
aggggctaga gtcattggtt cccaccttgt ccatgacgag atgggcccag ccacatcaca 180
ggcacaggtg ggagacccca acacagtgtc cactgttcac attctaaagg tgactgtcgg 240
ccaggcacgg tgggttcact ctgtcatccc agcaatttgg gagggccagg cgagcagatc 300
atccaaaggtc aggagtctga gaccagcctg gccaacacgg tgaaacc 347

<210> 212
<211> 351
<212> DNA
<213> Homo sapiens

<400> 212
atgtgtacac aatcttccag catataccaa tagctgaatt tgtaagatat tatatagtat 60
ttgcatgtgt atagctcttt cttcatcttc tgtgtacaac tgaaatattt ttttcattgtc 120
ctagtaaaac cctaaattga gaattacgga ctcaactaat gtttagaccag ctatgtcattt 180
agaaaaacgt gcatgtgatt tgttttaagg gcaggaaagta ttagggtgca acaattcaaa 240
tcactttgtg tctttttttt ttgaaacgga tgcctacttc ttaaccctgc ttggggggcc 300

agcaccacaaa tagcactttt tgtacgggga aataagtact tagcgaggca c 351

<210> 213
<211> 348
<212> DNA
<213> Homo sapiens

<400> 213
tgtatatatt tagatgcctc tttaaaaaata aatttacatg atgagaccct gtctctaaaa 60
aataaaaaata aataaaaaata aaataaagcta ttttaaaagt tagttattta aattgaagaa 120
tgtggacaag atataactaac agtttctcta ggactgatca cccattattc catgaataat 180
agaaatttct gataaggatg ttgtttaatg gagattttcc tatgttatct ctgcgggttct 240
agtgggtggc aaaggcagct atccgggtag ggcactgtaa aggtgtggcc ttagtcat 300
acactaggac aataagagac cctccacaag tgtgtaactg gataaagg 348

<210> 214
<211> 129
<212> DNA
<213> Homo sapiens

<400> 214
cggggacggg ttccggccta ccgcatttag ggagctttgc aaaaatagca taatatggga 60
attgtgagat gctactgcat aaattgtcgc ctatctaaat tgaacataac gtgccacact 120
cgactatac 129

<210> 215
<211> 373
<212> DNA
<213> Homo sapiens

<400> 215
tacggcctgt tatattaaga cagaagggca cagctccagc gacttagagc agataaggta 60
attgtcgtgc caacagccca gctcgtccc cagctcagag tctagtatgt tagaaactgg 120
actgctcctc cccccacat cctcccttag tagcttcagg agggggacag cttaactgct 180
gtcccatgc agatgggtgca gtgcacataa aagggtgggt gcaggccaag cgtgggtggt 240
cacgtctgta atcccagcac tttggggagg caaggcagga ggatcactgt aggtcaggag 300
ttcaagacca gcctggccag catgggtgaaa tcccatctct actaaaaatg caataaagg 360
cggggcgagg tgg 373

<210> 216
<211> 372
<212> DNA
<213> Homo sapiens

<400> 216
cgtgtcgtgc gaaaaaatct ttctaaacaa caaataccta acattattac tgattgtttt 60
cctaatttat cctcctaagt tgaatggtaa caaagctttt ccagctgaat gaatgcactt 120
agctgataaa ccagaatttg ttctttttt tctctctttt ttttttgaaa caggttctca 180
ctcgtcacc gaggttggag ggcaggggaa tgataatagc tgactgcagc ctcaaccttc 240
tggggtcaaaa ggaatccttc acctcagct cctgagttagc tgggaccaca gggggggggc 300
accacacagg gctaattttt agggattttt tttctctttt ttttttacc atgggtgccca 360
gggtggactt gg 372

<210> 217
<211> 347
<212> DNA
<213> Homo sapiens

```

<400> 217
agtgcactagt acaagaagcg aatgctcctt tcctctagt gacatgagaa aactatccaa 60
aactgcagtc acctgggtgt ccagctgggt gcgctatctg ccgcttgcca gatgcataaa 120
gctaccagga gattagtgtg tgggactggg aggaaatagg ggaaattatg gtttaggtgt 180
tcctgatctc tctgtgggaa aatgagggtt atttttccca ctgtcaaatg cccaaaggaa 240
ttttaacaat ctttttctta ctgcacccc attgtctttt tgtttcaaaa ggccaattta 300
ttttctcatt attactactt attgctcctg tgcgaggtag actttcc 347

```

```

<210> 218
<211> 351
<212> DNA
<213> Homo sapiens

```

```

<400> 218
tggggtgggt gacaaaagct ttgggcaagg atgtggaaca aatcttattt taatttggct 60
taattgactt aactacaaag cccatcattt acttgaagca caaactataa ctctgatgtt 120
ttctccattt taaaattata aatgcattaa ttaaaataaa ttaagagaca aatcataaat 180
agcaaacatc cataacttga tactttttaa cattaatact taatagggtt aatatctagc 240
agggcggggg aaggcacagg gataatataa ttatgtctgc ctgagcaag ggagtgacaa 300
taggtgtacc actgacttgt aatacacgag ctacaccagc tcttgaatgt a 351

```

```

<210> 219
<211> 317
<212> DNA
<213> Homo sapiens

```

```

<400> 219
gctggctggg cggcccccaca gacaggcaga gccaaagcact cccctctcag gcactctgcc 60
gcaggctgga cagacagatc agctgggcta gggcgatgtg tcccttgcca gacagacaaa 120
tctgcagctc ctgagtgggt ttgccccag cctggggacc tcttgtttcc tagcaacatt 180
cttaattcag agcgggcacg gtggctcatg cctgtaatcc cagcacttta ggagggcaag 240
acaggaggat ggcttgagcc caggagtcca agaccagcct gggcaacatg gtgagccctc 300
atctctacaa ataaatt
357

```

```

<210> 220
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (324)
<223> n = A,T,C or G

```

```

<400> 220
taggggttaa atgcctggat gctatagatt ccaatttaac tatgaaaaga actgactcat 60
tcattttacat ttctgttaca gacagcccag gaggttacag tgagctcttc actaagaatc 120
tggaagaaat gcactcatag ggggttgattc ccaactctgat caactgataa tgggtgagag 180
agcaggtaaag agccaaagtc acottagtgg aaaggttaaa aaccagagcc tggaaaccaa 240
gatgatgatg ttgacaaggt attttagctc agttttatat gaacgggtgt atcagggttaa 300
ccaactcgat ttgngatgaa tctt
324

```

```

<210> 221
<211> 351
<212> DNA
<213> Homo sapiens

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<400> 221
 gttcaccatg ttgtgtcaggc tgggtcttgaa ctccctgactt caggtgatcc acccgtcttg 60
 gcctcccaaaa gtgctgggat tacaggcgtg agcccacccg gcctgggttc ggaattgcatt 120
 cttaatctct gtggcggtg ctattttgtt ttctaagttc atgagcacag gtggctgcct 180
 ctatctttct cctccactta agcaggaaca attcaggagg cagactccac ccaatgctgc 240
 aaatcgggcc tattatcatt gacctgaca gaatttcagg agtgtcaggc cactccatac 300
 tgcaaacagt acaggttgct tataatcgcc aggaggaaag aaaatatcca g 351

<210> 222
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 222
 tacggctgct taagacgact taagggggaa tgacgcagcg gctcttagag gaacatatgg 60
 aaaacaccca agccggagtc tctcacaagc ttgaatgtgt gttctggagc tgaaggatgc 120
 acggtgtgta agccctctgt cttttccggt gttaaatcta atgttctttg gaataaaaac 180
 ctccctgcga agtagtactt ggttttatgc tcaacatgct ttgactgttg aaaagagacc 240
 ttgggcacac attgaaggga tgggtgatga gatgccaac catggaatca ggtggcgagc 300
 ctatgttgtt agctatagca gaagtcttct tggcaaatg tctcccgagg aaggaaagta 360
 ccattggaga accatgag 378

<210> 223
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 223
 tgggtttttt ttatcatgtg tgtattttgc ttattttatg catgtatttt aaaaatagcaa 60
 gttgactttg ttgctcttgg agttccacag aaccagggtt atgctggggc atggaatact 120
 aacaaggaga aacagcttcc ttgtttaagaa caattcccat gttttttttt tataggagaa 180
 aattgagagc tgtttggggg ctgccatac ttacattttac ttactcttac atttaattgtt 240
 ttggtctcca agtaaagaag agtttcatta gatgtagcaa aaacaaaaca tttttttatt 300
 cttcagagct ttcaatgatg aaagaacgaa ccttgagatg gaaaagg 347

<210> 224
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 224
 aggtacgggg gcgagagaga caacanaagg ggagcacact gaacaaatga tgtgagaatc 60
 tcttcagtgc caaccaagtg gcgggaacca gctaagagtt ggggtactgt gaggaaaatt 120
 caggggagac tggtaaaaat ggtgtgaatg agagaaagct ttgttgggga accatggtgg 180
 gtatgtgggc agcttctaca ttactacaag tattgggaat ttcccgaggg aacagcaaaa 240
 ctttggctta ttatgttcta attttaaaaa attccactg ggtgcagtg ctcacgcctg 300
 taatccagc actttggggg gctgaggcag gcagatcacg aggtcaggg 349

<210> 225
 <211> 344
 <212> DNA

<213> Homo sapiens

<400> 225

ggagatgctt	ttccttctgc	atgttaactc	acaactcatt	octaatcatg	gaggctctaa	60
tccaaactgac	taaaatgctt	ttctcccccac	ggaactaacg	tagttacttg	agagaagaga	120
gtaaacacagc	ttctctgcg	tggcacaggg	ctatttttca	ttatagggaa	acggacttct	180
ataaggggcat	taccacatc	ccaaggggcta	atttctcatt	taaaaaatag	ggcggtgcg	240
ggtggctctt	gcttttaac	ctaatacatt	gtttttttta	tgcggagggc	tcaggaacta	300
aagtggaaaca	aaaacaatcc	ccctttcaat	atagaatct	ttag		344

<210> 226

<211> 346

<212> DNA

<213> Homo sapiens

<400> 226

tacagctga	gagcagagggc	tgaagtaagg	ggagtcttaa	tccttgggtc	agttgccctc	60
tcctctgttc	attttctatt	aaatagaagt	tatgctattc	ccaaaataca	tacagcacta	120
ggcaaatgtg	taagaagcct	agattttgccc	agaaaccatg	tggagtttgg	agcaagtcac	180
ttctactaac	tagggcttcc	tccttagctt	ataaaatgga	aggggtagac	cagatgaaca	240
tgaaggtctt	tttctccccc	ctctaagagt	aaatgtctc	aacaatttta	caaggtgttt	300
acaaaacaat	acacattcac	ataaagggtga	tgtatttata	tctata		346

<210> 227

<211> 317

<212> DNA

<213> Homo sapiens

<400> 227

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cgggaaccag	60
ctaagagttg	ggtagctgtg	aggaaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tgttggggga	ccatgggtggg	tatgtgggca	cggtctacat	tactacaagt	180
attgggaatt	tcccaggggga	acagcaaaat	cttgtcttat	ttatgtttaa	ttttaaaaaa	240
ttcccactgg	gtgcagttgc	tcacgcctgt	aatcccagca	ctttggggagg	ctgaggcagg	300
cagatcacga	ggtcagg					317

<210> 228

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 228

aagggtttct	ttttctccct	ttttttcttt	ctattgttat	tattttttta	ctgaggggtt	60
tgtttagcttt	taattctgtg	gaactcagaa	actcccatta	atacgggttc	atagaaataa	120
gtcgtacaaa	tttgtctttg	catctcttct	gcagaagccc	ctttgccaga	tgaattcaac	180
gagtggtttc	ttttgggaac	cttaggctag	gcttacttat	tggtgatatt	tgagtatgag	240
tttgntttcc	cactagtata	ttacaacttt	gagggccagg	agctgtttta	tgaatctttg	300
agggccctca	tctcataact	gcgcgggttc	ttttatttga	tggcacattt	g	351

<210> 229

<211> 346

<212> DNA

<213> Homo sapiens

<400> 229

ttaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccagg	tgtggtggtg	60
ggcgctgtg	tgtcccagcta	cttgggaggc	tgaggcagga	gaatggcgtg	aacctggggag	120
gcgagcttg	cagtgcagcc	agattgcgcc	actgcactcc	agcctgggtg	acagagcaag	180
agtccgtctc	aaaacaaaaa	agaaaaaaga	aaccaccacc	aaccaaccaa		240
acaaaaccca	aaaaacccaa	agtaacggag	gtggccgagg	gagctggggg	tggggaggga	300
gtccaaacac	ctgggagcta	gaagtctctg	aaaactgtaa	gtcttt		346

<210> 230

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 230

tgtgtgtgtg	tgtgtgtgtg	tcccaagggg	tgtgtgggtg	tgtgtgtgtc	ccaaggtgtg	60
tgtgtgtccc	aatggcagcc	tcagggtaaa	ctgagcaaa	aatgaatttt	gacattgctt	120
gggagagcag	aaaaggttct	atgatgagga	tgcaggtctc	agacattcca	gcattaggaca	180
gatgagccaa	ccttaagtcc	cagacagagt	ggaggagagt	ctattcccg	ccctaccctg	240
aggctgattg	tcccagttcc	agaaggagct	cccaggaaaa	tccagcctgg	agaggctgcg	300
cccgagcaaa	ttaataacag	gacaaggcca	gcgagtgggt	ttgcttn		347

<210> 231

<211> 238

<212> DNA

<213> Homo sapiens

<400> 231

aacatcactg	gctcccattt	ctctgacata	ctaccaacat	ctgttcagtt	ctaccactta	60
cattacataa	aaacccacta	gttcccaggt	tttgaattga	catatgcata	caggcacaca	120
tgctgcgaca	catatatata	catgcacaca	catatatata	caatattata	caattgtttta	180
gggattttaa	aagcattccc	tggccaggca	tgggtggctcg	gcctgtaatc	ccagcact	238

<210> 232

<211> 376

<212> DNA

<213> Homo sapiens

<400> 232

tactacggtt	gcgacatgac	aacagacagt	ggtattctct	tacggacgac	agggtgcctg	60
ccgcgcaca	aacgctgtat	cacctggagc	tgtgataccg	ccgattttac	tgccgcccgc	120
atagcctgcc	tcccacgggg	tgtcagcgag	attggaatat	attttttgca	cctcgoggac	180
ggcttgggag	agtggaagatt	atcagcttta	tctttccaaa	tgagagacaag	tatgtttttc	240
tcctctgttt	agatgggtgac	tgtacaagaa	catcttctgg	aattctacgag	agaatggaa	300
taggtattca	taccactcct	aatggggattg	tctacacagg	aagcgggaaa	atgacaagat	360
gaatgggttt	ggaaga					376

<210> 233

<211> 345

<212> DNA

<213> Homo sapiens


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<400> 233
gagtcgccaa gtggccatgt tacatgtgat ctgtgacata tacgatcaga tgttacctgc 60
atccctagggt cgccctggcat gcccatgagtg gacgcttagg accgtgcctg gtgctgggtgt 120
gtggacaatg ctgggccagtg ttgccccaggg ctatgcctgc caccctctact ttattttcac 180
cctctggagg cggacgcatt ggaaagcatg tggggcagga ggtgaggaa gaaattcaga 240
caagctgagc agagcggcca ggactggaa ctctgggtgcc aaccgcgaag gtggggaaac 300
tgattttccat ttcccagtaa ttacaggtea ataccacacc tgaag 345

```

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<210> 234
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<400> 234
tacgggtccg agagcaccac agaaggaggc ctgggtgaca gcgagactct atctcaaaaa 60
aaaaacagat ttctctctcta tgagagtttc tggcctttga tgcctgacct ttctctctctg 120
aaacatcaag ggctttttaa gagggatgga gctgactgcc tgggtctgag gcatgaacga 180
cactggttag tgagagcaag atggtacaga ggagttcaaa tttgggtcca ccatcctggg 240
ctcgcgtgca tagtgttagg cagtcaactga gctggttccct tcccaccaca t 291

```

```

<210> 235
<211> 351
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (351)
<223> n = A,T,C or G

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<400> 235
ttctctctgg cctaataatc tggctagatt ttggcagttc cccactctag gggcaatgtc 60
ttttcagcct gcacctctga ctccctagctg gatggatgac ttcaggatcac acaatagaat 120
cattccctgtg acttatctgc ccacagtccc aaattcagtt gcaaaactct cctgaaaggc 180
tggtttttgaa taatgacagt gactggactc accctgtcct tctgcatact attaatccc 240
gtccagctca atctcccttt ttttggtaaa agtatagttg tatgtatata gatctctggc 300
ttagtcacct ctctttcttt ccctccacca gntctgtcat taaatgtaga g 351

```

```

<210> 236
<211> 371
<212> DNA
<213> Homo sapiens

```

```

<400> 236
ctacgcttgc gatgagacaa cacaacggac tgtcacacac gcacacacac acacacacgc 60
acacagctccc ttaccctctg cttagagttc cccctctcct gcctgtacag atgtctgtgt 120
tatttggccc catcaaatag gtgaattgag ttgttcatta agggagggga agagctcaga 180
tttttaagtgt attatatatt tgttttggac acagacattt cctagggaagg aaagtgtttt 240
tggtaattgga ccacggaatc aaaacagatt actcactgtt tctgtccatt agcgcataatg 300
atggggagca ctcctaaagaa gtttagtcag agggataggg gctaaagcat tacattcatc 360
ctgaaaatgc c
371

```

```

<210> 237
<211> 350
<212> DNA
<213> Homo sapiens

```

<400> 237
 ggccggcgaat gtggtgagtg ctcttgggag ccttctccca acgtccctgc cagactcgcc 60
 tccgggctga ttctccagtt ggtttctctg actccagagt agctgtccgg cctggccccc 120
 gaggtgcgaaa gtaagaaaaat tgaagtcaaa gaccatggga gatacagcaa gaccttattt 180
 cgtgaagcgc actaaagacc gggggactat ggaatgatgc ttcagaaggg gtcaccccca 240
 acagattat ttaataatag atgacctgc taaaggccat ggagtaaaa tggaaaaagg 300
 ccttcaaaaa aagaagataa caccaggga ctatgggaat acccccagag 350

<210> 238
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 238
 aggtactggc tctcagagag catctctgga ttgtccagg accccaagtc catggcactt 60
 tctgcatatg ggggaaggaca taaagacttc tgaatatgct ttgctaccag ctgatcatac 120
 agccctatggg tcttcagcaa acacagctag tagccaaaac gtggttacaa cgggctttgg 180
 gcgagactca gtgctttact gacctcaggt ctgacccagc acagtctat tgggtggtgt 240
 cacaggggta attttgtcac ccacaccca gctccaggca ggttggcaca cagagagaga 300
 gtttccattt agggggagaa agtaaggaaa tagaacaaga gcctctgctt gg 352

<210> 239
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 239
 ggcctcagctg attctgggag ctggatgggc ggccttggca ttgagtcag atttgggtcc 60
 taagtactgt gcccacccgg cccgagggga agggggagga gacaggaacc ggcgccattt 120
 tccgcatcag gttcttggaa ccagcccgga aatcctggga ctcaatctgg gggccagatc 180
 tggaggcgat ggtttttcta gagacgggct gatgcagccc cagtatccg tcgcactcat 240
 ttccacatt ccaggaacgg tccaggtctg ccttctatcg gtttgggaac tccgagacga 300
 ctccctctct ccacaactgc aggggtgggc gcgctctgaa aacctggcaa agcgaagggg 360
 gtccctcaga cg 372

<210> 240
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 240
 cgtccgtatc atgatgtcaa gatatcgaga cccctctgtc taacacggcg aaccaccgtc 60
 tctactaaaa atacaaaaag ctatccgtgc gtggtggggg acgctcttgg tccagactac 120
 tccagaggtg gctgcaggag aatcgcttgc accaaggatg cggttctttg tatgagccaa 180
 gatcacacca ctgcactcca gcgtgcatga caatgtgaga ctctgtotca aacaaacaa 240
 acaaaaaaaa acaaaaaaac gagacaaggg cattcccccg ggacaggcgg tgagagtggg 300
 gagtatccag aacacagccc ctcccttggc cccaggccct gggtcgagg gtaactgact 360
 tca 363

<210> 241
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 241
 aaagatgggt ccttaccttt tgtaatgaaa tatagaaaat acttattgtg actttgcagt 60

agttaaacat	agaaataaaa	catattttgt	acatagatca	gtggttggat	agactattta	120
tacatgat	gaaatattga	tgacttataa	aagagaacgt	atcagtgtga	tatgtattga	180
gacatggagt	ggagaagcttt	attaaattta	aaaatgtttg	aagaatagtg	tgtagagtga	240
acttataaaa	ccaaaacaaa	acaggagaca	aacagaaaaa	gcatacctat	gtgttcatat	300
atttgaaat	tcttccatga	ctgtaaagaa	aactg			335

<210> 242
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 242						
actttacact	aagctatggc	aaccataagg	aggcaagggc	tgtgatgtga	gtgggtcttc	60
agctaagcta	gagctgccgg	gcacatagca	tgaggctgat	gctaccgtga	gactgtgtgg	120
aggcccaacac	agtccaagat	atgcacagga	gtctcctaag	attaatttac	aaccaagaat	180
tacccaagct	tggtatcacaca	cccaaaagaa	ggcagagatc	caaacagatg	tttgtacatc	240
agtgttccta	acagcatttc	tcacaatagc	caaaagggcag	aaaccactga	agcgtcttat	300
cgatggatga	tggtataaaga	aaatgtggta	tatacata			338

<210> 243
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (337)
 <223> n = A,T,C or G

<400> 243						
gccccttogg	attcttttcta	taagcaaaatt	gogccttggg	cataggcttt	gaatgctttg	60
agagaaccctc	tcttcataag	tggaataaaa	atcatgattt	aatttgtatca	aacgcattat	120
ggataatcta	tggtgatttaa	tgaatcaata	ggtgagctg	agttggtaag	aagtgaacgt	180
tacttctgca	tttaaaaaaa	tacatttaac	tcaataggaa	gtaacagatg	agtaattgga	240
aaacatttta	aacttgatca	taaagaataa	aaaattggcc	atgtgcagtg	gctcatgtct	300
gtaatccacg	cactttggga	ggtaaggcgg	gcagatn			337

<210> 244
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 244						
tgcatatagt	ttttgtctta	atcagtggga	tgagtcttaa	ggtaatttat	tgagaacaga	60
gaaggaggga	taggttgaca	aacaaaacatt	ttcaagtgtt	gtattttgga	aacttatta	120
aatgcctact	caatatcagt	atgtgaattt	taccacaca	aatgaaccta	ttcaatagaa	180
attttcttaa	ttactcaag	taatacacat	gcacatgcgc	acatgcacgc	acacacacac	240
acacgcagca	acacacaaac	ataaccacgc	ctccactact	taagatgaga	gtatagttcta	300
gttaaccagg	aggttatgag	agttcagata	aagtttgtct	t		341

<210> 245
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 245						
tacgctgtct	agaagacaca	gaaggggtcca	aggaagtgac	ataatcaatc	tgagctacat	60

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ttctctgcta ttaatctggc agtgctatat ggaaaggaag aaatgggggtg tgggagtata 120
gttagaatta tattattgtg gcttaaggct aaggaacaa tttctgacac tggtaaggga 180
caaaagggtat ggaaagagggt tggaaaggac attattgcag aacaatcaac aagattaggc 240
attattggga actggggcac aaggtagagg aagaagaat gataagtgac tctgaggctt 300
tgagcttggg tggctaaaaa tgtatagcac tggaaacacag cttttactac gtgatcgctt 360
gtcgag 366

<210> 246
<211> 122
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 246
ggtccaatat ggcgccggcc agtggcgggtg tgaactgtga ggagttcgcc gagttccagg 60
aattactcaa ggtgatgagg acaatcgatg acagaataat acatgaatta aacactacgg 120
gn 122

<210> 247
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 247
ttctctgttt attcactgtt cctcctcaga ttcctagaac tatgcttagc acaaaagagc 60
tgctccataa ctattttgtt aatgaatgag tgaatgatta agtaataaag tgcgggtcctt 120
ctttcctctg gggtccattt tgctagcatt gccacagggtg tgttaactgc ttgagatttt 180
ccttttgaca gcacacagtg tgaagggaag agaagaggac tgcagtcact gtgtccattt 240
agttcttgtt aaagacttgg ggctggggcgt ggagggctcat gcctgtaatc ccagcacttt 300
gggaagccga ggcaggcgga tcaaaaggtc gggagtn 337

<210> 248
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 248
ttctagtaac ttgtactttc cttaccaatg atctctttcc tgcgctaagg gttaaacttaa 60
acttatctca aagttaattt ataaaaaaa gtttgctcta ttcaccttat taccaattat 120
gttaccatta aaatcagtag taacctggta ctcaattact ctgattagtt ttcttatatc 180
tagagttcac aaaaaacgtg agtgactgcc tgtccttaac tttccctac atatgcctct 240
tcattatggc ttctgagtga actgtagaat tgctatttta caagtgatgt gaaaaactgt 300
gcaggtgtaca atatgtatgt cacacaattt tacaacatan 340

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<210> 249
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 249
 aacacaccca caccaaaagca catcaagaaa ttcaaggatg cctgagaaga aaataagata 60
 ttacaagctt ctagaataaa aagaatgttc ccatacaaaa gatggagggt tgaatcact 120
 ttagactttt aaatagtaac aatggaaata agatacttga gcaatgcctt ccaaaattct 180
 gaaggaatat tattttaaaa ttagaatttt atagccagcc aaactatcat cagctgtaac 240
 agtaaaatga aaataactta aggcctgggtg ccgtgggtca cacctgtaat cccagcactt 300
 tggggaggcca aggcagacag atcactagag ctcaagaan 339

<210> 250
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 250
 aaactctgtc tctactaaag atacaaaaaa actagctggg cgtgggtggca tgcgcctgta 60
 atccagacta tttgggagcg tagggcacag aatttcttaa acctgggagg cggaggcttc 120
 agttagccaa gattgcccga ctgcgtcca tctcggggga cagagcaga ctccatctta 180
 aatcaaaagca agaccaaaaga tggcatagaa tcttctctgg aaccttgccg agaggggaaga 240
 gtaacattaa cttcacacgg gccactctgt teacatctt tgcttcaaaa agagcctacc 300
 ctggaaggcc cggcccgcga aaccggattt tggggtc 337

<210> 251
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 251
 aggtgggtct ggaactcatg gcctcaagcg atctgccccc ctctgcctcc caaagtgtgt 60
 ggattacaag tgtgagccac cgtgtccacc ggggaaagct tttggtcaga acaatggctg 120
 gcaaaaccac aggcacatcga aggcacagac tagggatata atataaatgt cctacagtg 180
 taacagatga tgctacataa agaaaatccc gtaatacaca cgaattctga atgtcctgt 240
 gaacattcgg tgagtgaata ctaattatct gagagttgaa cctatctttg ttaataaaca 300
 caaagcggcc gggcgcagtg gtcacgcct gtaatccag c 341

<210> 252
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 252
 gtatttatta agtatttacc ctgaaataag tactgcacga agcatattca ttcagtattg 60
 tccagttgct cttagcatga agtcactggt gtcacottga tggcagtgat gagacaaatt 120
 acttgtttca cctcttttaa catcagatag attgctgggg acaaaagagc agcatggctt 180
 ccaaccatta cacaagtccc cctctgcgac ccaggatcat gtctaggatg atgcagttat 240
 ggaagacagc atgctgagtt tctattaatt tgatgaatca ccaatttgag accagtgggtg 300
 tgggtgtcca gggacaaagt gaattgcttc agcag 335

<210> 253
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 253
 cccaaagtgc tgggattaca ggtgtgagcc accgcgcccc gcctctgaat tactttttctg 60
 ctactacaaa gattagccctg tattgcggtg ctcaacttaaa tccagttgca acattacaaa 120
 ccagccttat atatttggac atgtttactg tttaatgtac cgtaaaaata ggaattttgg 180
 gttgggtgca gtggctcacg cctgtaaccc cagcactttg ggaggcttag gcaggcggat 240
 cactgaggtg caggagttcg agaccagcct ggccaacatg gtgaataacc ctctccacta 300
 aaaatacaaa aattagccgg tcaactggggg gcac 334

<210> 254
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 254
 ataggtaaat attaatagca ccaagctttt gttaaagcca aaaacctgag aatcaccctt 60
 attctcgtct gaaacctcac attctacatc tagccactga aaaagctgct ttgcattatt 120
 ttcaaaatac attccctagg gccggggcgt gtggctcaag cctgtaatacc tagcactttg 180

<210> 255
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 255
 acctcgatag aggtgagaaa ataaggcggg accctctaatt attcattgga catctgtgca 60
 cagtactgtg gttagccctt tcacatagtt tacattctgt gaattctcaa aagaatttat 120
 agaattgctc ttacgccttt ttttattgat ggaataaaaac agataaagaat accaaagaag 180
 agggctgggtg cgggtggctca cgtctgtaat ccagcactt tggaggggcgg aggtggggcag 240
 atcatgaggt caggagagcg agaccatcct ggctaaccaca gtgaaccccc gtatctacta 300
 aaaataccaa aaaattagcc aggcattgatg gcgccac 337

<210> 256
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 256
 agtacaccaa aagagagaag gaggaatgaa acttaataatt cacctgttaa aaccattaac 60
 tacaaaacctt cttttttttt ttttagaagg ggggggtcggc ttaataccca aagggggggg 120
 ggaggggggca ttaattggggg ggccgaaaac ccaatttgcc ggggtgaaacc ctttctatcg 180
 ggctaaaaat tccaaaatgt tggaaaaaagg gggggccccc actccaccgg gataatattt 240
 tggatatata agaaaaacgg ggtctacggg gggaacccag ggggggtgagg attctggggac 300
 ctatgggaac caccoccccta tatcccccata aggggggggta ag 342

<210> 257
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 257
 tgatccagta ccactagtag tgacaataga acccaccat tgttctaagt gacaaacacac 60

tgtatgcaggt	actattatttt	tctcaaaacaa	ttggaatata	gtctaatgtt	ccgacagctg	120
caaaagcagca	gagccaggat	tcaaaaccag	gcagctctggc	cccagagtgc	ctgcttcaaa	180
tcactacatc	tcttccctctc	ttatacttat	tcatacagtag	atgcctagat	gtggggcttt	240
acacttcagc	agataactaag	agggccatgt	accaagcgcc	aagtactgag	gaatacaaac	300
ataaatactg	cttgaggggc	agggcgcggtg	gctcat			336

<210> 258

<211> 344

<212> DNA

<213> Homo sapiens

<400> 258

cggggatgcg	gaagtaacga	ccacagccat	catgcaaggc	tattgatgct	ctattagaga	60
ggaatgtgca	gactgtgaca	cactttttgc	cattatgacc	tgctgcctgc	aatgtgtcca	120
cgagccctgc	atacacttta	tgtttcagat	gcacagcgag	cagggggaga	gatctgggtc	180
tttgaccact	actttgagca	gctgtgccag	cccaggctg	catccacttc	ttggtattgg	240
gaaggacaaa	gccctattta	cagacaagtc	tctattccat	gcagcttaat	gcaatcctga	300
ctcataaagt	acctccaac	caccgctccc	cagttgttcc	atgg		344

<210> 259

<211> 260

<212> DNA

<213> Homo sapiens

<400> 259

ggacttcocct	ctgtggctct	gctcagaact	ggcggttttt	cccagctcct	tgcccagacc	60
aatacttcca	tgctgttttc	aagccctgct	tcttgcaaat	ctcccagccc	agatggggag	120
aaccatgata	agaaggtcca	ctgggcttct	gggaggagaa	ggacatcctc	cacagattca	180
gagtcacaag	cccaccgga	ctctccaag	ataccaggt	ccggagagacc	cagccgctcg	240
acagtgaagt	atgaccgggg					260

<210> 260

<211> 333

<212> DNA

<213> Homo sapiens

<400> 260

actactactt	ttcatgcaat	acttcacata	caacttgagg	gttacagaat	ccagattaag	60
cctctgttct	ggaaggatta	tcacagaaac	ccacatttac	ttatttcaga	gggggtcctc	120
tgcttccctc	ctgccccttc	tctaataaaa	cttcaaaaaa	acagaatatt	gtcaggccgg	180
acgcggtggc	tcattgctgt	aatcccagca	ctttggggag	ccgaggcagg	cacatcacct	240
gaggtcatta	ctgacttcta	gaccagcctg	gccaatatgg	agaaacctcg	actctactaa	300
aaatacaaaa	attagctggg	cgcggtggca	tgg			333

<210> 261

<211> 339

<212> DNA

<213> Homo sapiens

<400> 261

agaatgtctg	ggtaactccc	aggggtgtaa	attagcacag	cccagcatcc	tcacttaggt	60
gaggagacag	gagctcgagt	caactcggta	gactccctgc	aaaagaacaa	aagtggccac	120
ctgcttaggg	ctgggtgaaga	agctgttaaa	gtggatgagg	tgctgtatat	agaattataa	180
attgtgtcat	cccaaggaga	acacttaaac	aaaaagaatt	ttcagttccac	tgtaaaaaata	240
tgaggaggca	agttaaattg	gataactctg	gaatgggtag	aaagatgtca	taataacgca	300
cacatgcaca	cggataactcc	caccactgag	tgttacccc			339

<210> 262
 <211> 337
 <212> DNA
 <213> Homo sapiens

 <400> 262
 ggcagtcact gactgtggtc ctteccacca cattggggtg ctcttgccctg gcctgcctgt 60
 gtttaggcagt cactgagctg gttccttccc accacatgg ggtgctcttg cctggcctgc 120
 ctgtgttgca ggggggcggg gtcagaggag acaacatgaa agtgctggga aagctggata 180
 caaacacaag ctgtgttttc taatcaaagt taaaactggc tttatgctaa aggagtcttt 240
 agtgctctcc aaaaaagtga gaacagtatt ttccagggg ctctctatgac ctgctgacct 300
 ttcttccaag acatccgtga gatttttctt attagag 337

 <210> 263
 <211> 339
 <212> DNA
 <213> Homo sapiens

 <400> 263
 gagaccaata cttecatgct gtcttcaagc cctgcttctc gcacatctcc cagcccagat 60
 ggggagaacc catgtaagaa ggtccactgg gcttctggga ggagaaggac atcatccaca 120
 ggctcagagt ccaagtccca ccggactccc tccaagatac ccaggctccg gagaccocage 180
 cgccctgacag tgaagtatga ccggggccag ctccagcgct ggctggagat ggagcaatgg 240
 gtggatgctc aagttcagga gctcttccag gatcaagcaa ccccttctga gctgagatt 300
 gacctggaag ctctcatgga tctatccaca gaggagcat 339

 <210> 264
 <211> 338
 <212> DNA
 <213> Homo sapiens

 <400> 264
 acattccgctc tccagacctg gcattcttac tcacagctaa gcaagaatag atggttactt 60
 tgcaaaccat caagtactat acaacataag gtaattatga aagtcagaga gagtatatga 120
 ctctctatagt tccacaactg attactcaaa tacaagaaca gaaccagttc aacctattt 180
 ccacagactt ctctgtcaat caaatgagga tgatgtttcc tattacaggg caccaaacat 240
 tttagtaagt atgtaataaa tgacaaaagt gtagggccag gccgggcacg gtcgctcatg 300
 cctgtaatcc caacactttg ggaggccaag gcagggtg 338

 <210> 265
 <211> 369
 <212> DNA
 <213> Homo sapiens

 <400> 265
 tacgggtggt agatgacgac agaaggggtg gtgagagtgt ggggtgtgtg agatacatgt 60
 gtatgtgagt gtatgagtgt gtgagtgaat atgtgtgtgt aggaatgtgt gtgtaagtga 120
 ccttgtgagt gtgtaagtgt tgtgtgtgag ggtgtgcgag tgtatgagt agcatgtgag 180
 tgtgtagtgt gtgtaagtgt tgtgtgcgtg catgcatggg catgtgagt tgtgagtaca 240
 agtgagtgtg tgagtgattg taagagtgtg tgatgagtgt gagcatgtgt gagggtgggg 300
 gattgtatga gtgggtgtga acatctgtgt gaggtttggg gtttatgaat gtgggatgag 360
 aattgtggt 369

 <210> 266
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 266
 tacgggtgct acaagacaac agaagggact acacgggtctg tgccggaaca agagtcttgc 60
 tcttgactgg ttaacctgct tgaatcagg gcattcaggg agacctcaga cagggtctgca 120
 ttgacctatc tccacgcaca aggggcagca ttagttagcc cactgtcctc agggcttcca 180
 gcaatgagac agctctgtca agagaggcac tgaagagtaa aagtgggtgc ttgttcaacg 240
 gctttcaatg ggatttgctgc tgaacatgag actcactgaa atgccgatgt taatatgttt 300
 gataactcca aatccatcag gcttgctaag gaataagaga tgtccaagggt ttgcggttga 360
 gaatt 365

<210> 267
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 267
 tgtgtgtgtg tgtgtgtgtg tcccaagggg tgtgtgggtg tgtgtgtgtc ccaaggtgtg 60
 tgtgtgtgtc aatggcagcc tcagggaana ctgagcaaa aatgaatttt gacattgtctt 120
 gggagagcag aaaaaggttct atgaggagga tgcaggtctc agacattcca gcataagaca 180
 gatgagcaca ccttaagtcc cagacagagt ggaggagatt ctattcccg ccttaccctg 240
 aggtctgatt tccaggttcc agaagggact cccaggaaaa tccagcctgg agaggctgctg 300
 cccggagcaa ttaagaacag gacaaggcca gcaagtgggt tt 342

<210> 268
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 268
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 ctctctagat tctttcttct ttattttttt ggcgagaggg ggactgagtc tgcctctgtc 120
 gccacactg acctttatcc atactgtaca aacttcacac agcacgttcc tgagcctgtcc 180
 ccacttcgtg gcttacctta accgaattat accaaacct acctttggac accggcagct 240
 ctaactcaaa actggcagtc accgtttcac ccccttttgg gaatgcattc cacttccaca 300
 ggacctttac cgcgttccat cccctgtgct tgcgtttt 338

<210> 269
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 269
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 gtgtgacctc cggccttgac atttaagtgc acaggggtga ctttcttttc cacattgcag 120
 atcaaatata agttcgcctc tcttctgtgc ttggagtgga agaaaatatc aattgggaac 180
 ctggttgggg aacaaaacag cagattacct gactaggcca acttgtcaaa accttaaaaa 240
 atatgacctc actgaattag cagattcatt acgaggaaaa ggaactcca aattatgatg 300
 caattttaag atttggtgct atagtaacca aaacagctg 339

<210> 270
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 270
 atggccctac ccactgctgc ttgtgtccag gacgattgat gcttctcgcc tctctctctc 60
 cccctaggcc tgcaggacaa gctgaacaag agggactaag aggtgacagc cttgacctcc 120

cagaccgaga tgcctcatggc ccaagtaagg ggtaaggctc cctcccgtag ggcagatgcg 180
 gggggctttc actggggccg tgccattcag ctgccaahta agcatggagt gggtcagggc 240
 ctggcttagg gtccctccc cgactctgct ttgagaagaa aagggctggc ttgtcgcggt 300
 ggctcgcgc tgtaatccca gcactttggg a 331

<210> 271

<211> 235

<212> DNA

<213> Homo sapiens

<400> 271
 cttctgttgt agccctaggc aatctcgagc cacagagacg tccccgctga cgagaaggaa 60
 gtccctacgac cgagggcagc ccattagggt agatcatggt ctagaatctg ctccagagtc 120
 accaccagtc tagttcttgg ttacatgagt ggcatgatg ttctgctctg ttgatcatct 180
 tgtacacagt gtaacctggg ccagcttgac tgagccattc aggttcacc agtgg 235

<210> 272

<211> 151

<212> DNA

<213> Homo sapiens

<400> 272
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 gctcgaggcc atgagcagat ataccagccc agtgaaccca gctgtcttcc cccatctgaa 120
 cgtggtgctt ttggccattg gcatgttctt c 151

<210> 273

<211> 325

<212> DNA

<213> Homo sapiens

<400> 273
 gctcataaaa ctgctgatag gaaagagtta taggtctcac tgttcaagag gcttgggttt 60
 taaagtcata ttagcctcaa gagataaggc ctctgggtcc ttaagagtc agtgggttaga 120
 aatgagatgt ctgcagttag acctcttaac atcatcacgg atatatttgt gtttaatccc 180
 agcactttgg gaggccgagg cgggtggatc acctgaggtc aggagttaaa gaccagcctg 240
 gccaacgtgg tgaaacccca tctctactaa aaatacaaaa ttagctgttt ggtgtggcgt 300
 gcacctgtaa tcccagcaac ttggg 325

<210> 274

<211> 322

<212> DNA

<213> Homo sapiens

<400> 274
 gaaagtctac ggagcatttt ctggggaata taattttaaa ataagattaa atatcacata 60
 aaataaatac aaaactagat agtaaaattc tgaaaaaaa aaagaataag cctgaccaga 120
 tactacactg aattgcaaaa tcattgatat ggttggaaa aggggcaaaa aaagcagaca 180
 tgtcaattga gtaaaataga gcatactgaa ctagggttaa ctacatgag atttaataa 240
 ataataaagg gggcttttaa atagggggga taaagaagaa ttatttaata aaggggggtt 300
 gggtaaatg gctagccatg gg 322

<210> 275

<211> 135

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 275
aaactctggt ttaggataag tcaactaat agagatagct agttcaattg tgtctggctt      60
cctatcacat cactagcact tagtacagaa ttgggggtcct aaaaatattt ggcaatgatg      120
acctgtgttg ctttn
                                     135

<210> 276
<211> 327
<212> DNA
<213> Homo sapiens

<400> 276
gacaaaaata caagttcaat gaatgaagca gcagctctga gaggaacata agggaaaacac      60
ccaagccggga gtctctcaca agcttgaatg tgtgttctgg agctgaagga tgcacgggttg      120
ttaaagccctt gttcttttcc gttgtttaat ctaatgttct ttggaataaa aacctccctg      180
ccaagttagta ctgtgttcta tgctcaacat gctttgactg ttgaaaagag acctttggca      240
cacattgaag ggatggtgat ggagatgccca atccatggaa tcaggtggca cagctatggt      300
ggtagctata gcagaagtct tcttggg
                                     327

<210> 277
<211> 328
<212> DNA
<213> Homo sapiens

<400> 277
tattaataat gctaaacact taccagcttt gtaactttag ctatctatca ccattgagtt      60
gtttcctaatt ctataaaatg gtggtaatcc ctcatacgac tgtggaactg atgaaataat      120
atggcatatg taaacatttg gtccaagacc tgcatacttg gatgaggaat gtcaacagta      180
aagtaaaaatt ttgatctttg agtgtgtagt gagcttggtt tgtcactttc tgggtattct      240
atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagttg      300
ctcacacctc taaccccagc actttggg
                                     328

<210> 278
<211> 329
<212> DNA
<213> Homo sapiens

<400> 278
atttgttaact cacagggcgag aataacagct ctagagctca atttatctgg aggagattca      60
gcacacctgc ttctcttttt ccactggcat ggcctctggt gcaaaattgt atttatgtaa      120
tagttagaaaa ttaaacatca gcaccaacgg aaaaatattc aacgcccttt attaaacatc      180
aaacaacttt gtcaatggga aaagctgccc caactgggtt agatcttacc ttccaacatt      240
gttgtcaaaag tacettttcca ctctctggta atgctcttga gaggggttgc ttattggacc      300
taacaactatc ttcccggatg gagtggcct
                                     329

<210> 279
<211> 303
<212> DNA
<213> Homo sapiens

<400> 279
cggggcgctga acccgggagg tggagcttgc agtgagccga gatcgcgcca ctgcactcca      60
gcctgagtga cagagcgaaa ctctgtccca aaaaaaaaaa aaaaaaaaaa aaaaaaaggg      120

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gggggtttt	ttcgtaaac	ccaacgtgaa	aaaaacctt	gggggggttg	gcacaccccc	180
cctaaagg	gggggaaaa	aaggctttt	ttggaaaatt	gggggggctt	ttgtttttt	240
ttgaacctt	taaggcgga	aaaaacaggt	taaccaccac	ctttggttt	tttttagggt	300
gga						303

<210> 280
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 280						
gagccaccac	tcctggccca	aagtcaatac	attttaaaaa	aaaacctctc	cagtggctaa	60
gccccagcatt	gttatatgat	taataaataa	aatattgaca	tcgaggggtg	acaaacctag	120
tactttttcc	tgaatctctc	agtgctgtct	gtgagtatat	ttgcactgtt	atgtaccagc	180
aactgtgoac	ataacaactg	gtatgatcaa	taagacatag	tcctcgccag	ggccagggtg	240
agtaactcat	gocctgaatc	ccagcacttt	gggaggccga	ggcaggcaga	tcacttgaag	300
tcaggagttc	gagaccggcc	ttgccaa				328

<210> 281
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 281						
gtagaagcta	tatgttgta	ttgtattgct	atttatctac	ttaataaact	cttactgtag	60
tatgtattgc	tcaaggacag	agattgtgtt	gctcatcttt	gtgttatccc	acttagcata	120
gtttcttaagc	aaatagtata	gttctttcat	atatgcttat	caagtaaatg	aatttgactc	180
tacctctcaa	tgaactattc	agaaattcat	gtttacgatt	ttagcaatga	gaaccaccaag	240
acttagcaat	agagtatcaa	agataatata	actagggagt	agatctaaaa	taagaaa	297

<210> 282
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 282						
atccacgtga	tactaagtgt	aaacccctac	gcttgaact	cttactcaac	cattaacgac	60
gcgaaccaag	caaatataaa	gaacattacg	attccagcaa	cattcaggtg	aacatgaatg	120
tgctcttcac	tgtttttatg	atatggaatt	gctacaacgt	gaaggtcttg	actgtttagt	180
gcccccacac	ttttgagttt	aagcaacta	gattcacttg	ctgtgggatg	acctgatgct	240
ctttctgcac	ttttcaata	actacaaagg	ctttgtt			277

<210> 283
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 283						
ggaaaggagg	tagaaggatg	agaccctaac	acctggttcc	tccttcacct	tcaggcattt	60
gcagactctg	tggactgcat	tgagtgggg	aataagaagt	tgggcagaaa	tcocctaaaca	120
tatgtcctg	ttttctcagg	ctaaagagga	aaacactgaa	tttcaaggcc	caaccaagtc	180
aaggccccc	ttagttaata	cactacactt	tgggctgggt	gacctcaagg	tcacaccta	240
aggtaacatc	aaggcgatcc	agaagtagat	cttaaatgta	gctcaactct	ggctgggc	298

<210> 284
 <211> 326
 <212> DNA

<213> Homo sapiens

<400> 284

agagacaggg	tttcaccatg	ttggccagga	tggctcgaat	ctcttgacct	tgtgatccac	60
ctctctcagc	ctcccaaatg	gctggggatta	caggcatgag	tcaccatgcc	tggcccacag	120
tgacctttta	aaggaaaatg	ggaggggacct	acctgggagg	ttgtgcagaa	aatgttggtc	180
tcccagcac	taggggttgg	ttccctccta	ggctctccca	cagctgtgct	ttgacacata	240
agcagcttct	attaaagtgc	ctctttaatt	tgtctgtcat	tgccaccaga	ccacaagata	300
ctttggggca	gggctgtatt	tcattg				326

<210> 285

<211> 328

<212> DNA

<213> Homo sapiens

<400> 285

gtatttatta	agtatttacc	ctgaaataag	tactgcacga	agcatattca	ttcagttattg	60
tccagtttgc	cttagcatga	agtcactggg	gtcaccttga	tggcagtgat	gagacaaaatt	120
acttggttca	cctcttttaa	catcagatag	attgctgggg	acaaagagac	agcatggcctt	180
ccaaccatta	cacaagtccc	cctctgcgag	ccaggatcat	gtctaggatg	atgcagttat	240
ggaagacagc	atgctgagtt	tctattaatt	tgatgaatca	ccaaatttag	accagtggtg	300
gtgggtgcc	aggacaaagt	gaattgtg				328

<210> 286

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 286

ggcagcatga	atcataattg	tcaggaaaaa	cttcatagat	tcgcctatag	tatctccggt	60
attgtatcag	gacaatctat	aagacatttg	gagctacacc	agttgaaagg	tattgggtca	120
gtcagccccc	ttattcagtt	ttgtaaaatta	ggggggccact	tgaagaaaaa	tctatggttt	180
atgctaatac	acatgtagct	gaaaaataaa	ttacatttaa	aatctgttga	atttaaattt	240
actacagttt	tttttaaaag	tcatgtctatc	cttcagtcag	tcttcgcagca	attttccaac	300
tcaatgtaga	actaccaatg	aaaagtgn				328

<210> 287

<211> 331

<212> DNA

<213> Homo sapiens

<400> 287

tgagcttttc	attacattgt	tgaagatga	agaacgaaag	ctacttgttg	atcagatgag	60
gaagagatcc	octagagtaa	atctgtgcat	taaacctgta	acttcatattt	atgatatccc	120
agggttagctc	tctagtggcg	cagccaaaat	gttggcatgt	tttggccctc	tattcaaat	180
aaccttgaaa	tatatgtgag	gattctctct	tgttttaatt	aacacttgtg	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcagtttatgc	tctggagctc	300
tgccaagcca	atgattagta	cagattcagt	c			331

<210> 288

<211> 329

<212> DNA

<213> Homo sapiens

<400> 288

agttttcata	ttctcttagtg	ttatcacact	ggtgcactta	ctggttttacc	attttccctt	60
cggatttcat	ttttctgtta	gcatttacta	ctatctaaca	tatattttac	tcatttgtct	120
gtgttcccc	tcagaatata	acttcatgag	gggagggatt	ttctattaca	cttagtgaaa	180
agtaaatccc	tcaagtagga	acactacaag	tatgcacagt	ttttttttta	cagttaagttt	240
gcttaaatggc	tagtaaaacta	tctcagccag	tacctgagtg	actattctga	cttgtatcat	300
ttacaagaaa	aaaaggcctg	gcgcgctgg				329

<210> 289

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 289

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggatttctgt	gagctgatat	gtcattacat	tactttctcag	gtgaataatt	tagtgagcatt	120
attaaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atccagcac	180
tttgggagggc	tgaggcgggt	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtga	tggcatgcc	300
n						301

<210> 290

<211> 328

<212> DNA

<213> Homo sapiens

<400> 290

gaggaagagg	ctggggagcg	cggcgaaagt	ggtgagtgct	ctggggcgcc	ttctcccaac	60
gtccctgcc	gactcgcctc	cgggctgatt	ctccagttgg	ttctctggac	tccagagtag	120
ctgtccggcg	tgccccggga	ggtgcacaagt	aagaaaattg	aagtcaaaaga	ccatggggaga	180
tacagcaaaa	ccttatttgc	tgaagcgcac	taaagaccgg	gggactatgg	atgatgatga	240
cttcagaggg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaa				328

<210> 291

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 291

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gcgatcatag	cagctctagt	tgaccttggt	cgggtcctct	gcgcccctt	gccccagct	120
cctctgttga	gacactattt	gttgagtctt	tcctcttttc	ctggccctga	cctagcgtgg	180
ggcgacataa	gagcaatagc	cgggtggggg	ctgtgagaac	ggctgggctt	gggagcgaat	240
ttcgaaacc	cggaggacga	gtatagcctt	gcaagatgga	aaatgcctc	cgggctggc	300

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gcggtggcct gtaatccac ctactn 326

<210> 292
<211> 324
<212> DNA
<213> Homo sapiens

<400> 292
aaaaatccta acggctcaaa gaagtttgc t aagggtcagg aagcaggga tacacgggc 60
tctctacc cgttaggagg caggaaagg c aaagcagag gccagctct ccagactgtg 120
ggggaagg cggggggggg agggccacga ggactggcca cagccaccat gcaggaaagt 180
cctggtgtgg cctggcctgg ctctcacaga cccaaagctt cggtaggaa tatgtctgtg 240
gttattaaac agacaggcct agtggaaca accctgcac ctgcgtgtct tctgagcctc 300
agtttcttct tttgggaaag agga 324

<210> 293
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 293
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actacattaa aaagcattga attgcacact ttgggtgggt gaactttatg gtatgtaagt 120
tatactcaa taaaaattt tataaactgg tttattccaa tggtagactg aaacaaaatg 180
aaagtgtaac atattttgaa ctccaattga attataaggt ctttttttta catgataaaa 240
taatgtgcat tatagcccaa atgtaataca ttattcaatg atatatttcc aagaatgctc 300
cttagctcag tgaatgagn 319

<210> 294
<211> 318
<212> DNA
<213> Homo sapiens

<400> 294
ttttagtgtg gtagtcaaag cattaatttc toacattgca atttccttca aagacataaa 60
tacaaacctt ctaatgactc ctgttctatc aagataacct ttcaaatatc tctatttgtt 120
tcattcagta tattatctgt gtataccgat attacactct tttctttttt tgagatggaa 180
ctcattctgc ttaactgatgc tggagtggag tggcatgacc tcggttcaat gcaacctcca 240
cctccagggt tcaagcgatt ctctgtctc agcccccaa gtagctagga ctacagggtc 300
acaccaccat gctgggct 318

<210> 295
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 295

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gatgctttgt	accagtaacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	cggaggtctc	tcacaaggtt	gaatgtgtgt	tctggagctg	120
aaggatgcac	gggtgttaag	ccctcgttct	tttccgttgt	ttaactctaa	gttctttgga	180
ataaaaacct	ccctgccaaag	tagtacttgg	ttttatgtct	aacatgtctt	gactgttgaa	240
aagagacctt	tggcacacat	tgaaggatg	gtgatggaga	tgccaatacca	tggaatcagg	300
tggcacagct	atgttggtag	cn				322

<210> 296

<211> 318

<212> DNA

<213> Homo sapiens

<400> 296

cttgagcacg	cacacaccac	ttcttcaatg	gggtgtgaact	agtgcattgt	taaccttgta	60
gggtgacaaa	aggcttttgt	tgtctgcatt	atcatctctg	ggaagcgccc	agcgctctaa	120
atttgaatga	ggatcttcac	tgaagctcat	acttataatc	atgagagatca	ctgctaagaa	180
cgggaatttg	tcctgcgttc	tgggactaac	atacagagag	catctgattt	cagtcacggt	240
tggcactcac	cctataatga	gagcagctct	atgtttataa	agaaacgaag	caactatatt	300
ctctgacgga	taaacatt					318

<210> 297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 297

caaaaaataa	ataaaaaaaa	ttagctgggc	gtggtgacgc	acacctgtag	tcccagctac	60
ttcagaggcc	gaggtgggag	gatcacttga	tcctggggagg	tggaggttgt	tgcgaactga	120
tatggcgcca	ctgcctctca	tcctgggtga	cttagtgata	ccccagcttc	taaaagtctt	180
catgtatacc	ttatctagga	tgaatggatt	cttatgcata	gtgggcatac	atgtagagct	240
ttgcgcgatt	gacctattgt	ttacgaatct	aatacacgat	gtggatcctg	gggctgaaca	300
cttaattgat	tagggag					317

<210> 298

<211> 323

<212> DNA

<213> Homo sapiens

<400> 298

gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttgggttt	60
taaagtccata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagctcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatacagg	atatatttgt	gtttaatccc	180
agcaactttg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttcaa	gaccagcctg	240
gccaacgtgg	tgaaccccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttg				323

<210> 299

<211> 320

<212> DNA

<213> Homo sapiens

<400> 299

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gcctcccaaa	gtgctgggat	tacaggcgtg	agccccacgc	gcctgggttc	ggaattgcatt	120
cttaattctc	gtggcgggtg	ctatttttgt	ttctaagttc	atgagcacag	gtggctgcct	180
ctatctttct	cctccaacta	agcagggaaca	atctaatgag	cagactccac	ccaatgtctg	240
aaatcgcccc	tattatcatt	gacctgaca	gaatttcagg	agtgtcaggc	cactccatcc	300

aaaggaatt ttaagttctt ct

322

<210> 304

<211> 316

<212> DNA

<213> Homo sapiens

<400> 304

aagttgacct	catcacctca	gaaaatcagg	gataaaatct	gtttttatat	tgttttcagg	60
acttgggtat	cagagacatt	atttgtttat	caagacctaa	caaaacactt	tcttattctt	120
taaaatttct	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgagaatat	tattaccttt	180
caacagagctc	ttttttaaac	cttgatgtgg	aacgcacaca	gtgtgacacc	atgtgtgccc	240
cccttcacac	togaaacgct	tataggattc	attcagactc	tttttaaagc	acaacattgg	300
ggcagagaaa	gccacc					316

<210> 305

<211> 289

<212> DNA

<213> Homo sapiens

<400> 305

tcacaatgct	ttatattttt	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttggggagg	tgaggccggg	ggttcacctg	aggctcaggag	ttcgagacta	gctctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtg		289

<210> 306

<211> 315

<212> DNA

<213> Homo sapiens

<400> 306

tagtcccttg	ttctgaacat	ggtactgaac	gtaaactttg	atgtattgat	gccctccagg	60
gctgtaaaa	tgtgtggggt	ttaccttatt	ctttcaactga	attttaccaa	ccattttgct	120
agagtgtttg	gcgctgacat	tgatattctc	gggcctcttg	aagtgtagat	agccctttgc	180
ccccaggctc	acatgcctta	catggctgta	ctgctctgca	tagtgctctt	cctgtgccct	240
cttgtagatg	cctctgtttc	ctatggggc	tcctcattct	tgttgggtgg	taccttttgt	300
cccaacaacc	tgacg					315

<210> 307

<211> 287

<212> DNA

<213> Homo sapiens

<400> 307

tcttgggggc	cttctcccaa	cgtccctgcc	ataactcgct	ccgggctgat	tctccagttg	60
gttctctgga	ctccagagta	gctgtccggc	ctggccccgg	aggtgcaaa	taagaaaaatt	120
gaagtcaaa	accatgggag	atacagcaaa	accttatttc	gtgaagcgca	ctaaagaccg	180
ggggactatg	gatgatgatg	acttcagaag	gggtcacccc	caacaagatt	atttaataat	240
agatgaccat	gctaaaggcc	atggcagtaa	aatggaaaag	ggccttc		287

<210> 308

<211> 207

<212> DNA

<213> Homo sapiens

<400> 308
 cagggcagcc tgcaaccaca caggttgatg cccatgaagc tggcccccga tatgtgtgac 60
 ttgctgtcac ttgtggcttc aacaacagac aacttgactc aaaatggctt gagggggactt 120
 actacttcat gccaaagaaa gcctggagggt agggcagggt cagccacggt tggttaaaaat 180
 tcagctgcc aaccatgcc tgaaggg 207

<210> 309
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 309
 gagaggaggc tcagggaaaag gtgaaagatg ctatgggctg gttaaactctg caaaaggaaa 60
 aactacagaa gttgctaag gattcagaga atgataccta ctttaaaaag tataatagcc 120
 tgctgtcctt tatggagatc ttcaatgaag aaaaaaagtc ctttttgat gtctgtgcaa 180
 taaaacggga tctggatgag ctggacaagg atcattttaca gttgagagaa gcctgggatg 240
 gcctcgatca ccagattaat gcattgaaaa taaagctaaa ttatgtcttg cccccacccc 300
 tccatcaaac tgaagcttg 319

<210> 310
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 310
 atttgcaaat tttggggctg catgtgaggc tgggaagggt gaccacagac ttctaaagta 60
 caaaatgaaa tctctcaca cctgatggta tttggatagc atataccac cagagggaaca 120
 ggcttttacc tagcatacca caggtctccc ctttagcaca tctgtgtcga ttttgaaact 180
 gtataggaaa ggcattatgg tggctgggag aactctgaag gacagacctg gatctcctgc 240
 cactctccaa aggtgaaaca acaaaaatcc gccaggcttt cagtcagaag cccggaagggt 300
 ccactccaa ggaac 315

<210> 311
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 311
 aagttttgga gagggggggg tctcactatg ttgccaggt tggctctgaa ctcttaggct 60
 gaagcgatcc tcccaccttg acctcccaaa gtgctgggat tacagtgtgt agccaccgca 120
 cccggcctac tcttttaatt tagagcctca ttgatataaa gggcgagaag aattaaagtgt 180
 tgtaaccagg tagcccggtg tccaggagaa tgatggatct gtcagaaatc catgggtggt 240
 ttcagacttt ggctccatct tggactcaat cgttcattggc cagacgcctg gcaaggagcc 300
 caaactacgc cagaagtgga cct 323

<210> 312
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 312
 tgggtacggc tcgcaaaaac cacacaaggg gtccgggttg aaaaaccac ccaaggggct 60
 cggtgggaaa acaccacata aggggtgccg ttgtaaaaca ccacataagg ggcaggggtg 120
 gataacacca cagatgggga cggtgctat aatcacgac atgggcacgg ctgcataaaa 180
 accacataag gagacgcct gttattagac cacataagg 219

<210> 313

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<211> 160
<212> DNA
<213> Homo sapiens

<400> 313
gttatctgaa attcaggcac tgcattgcaca aatgaatggt agggaaaatta ctctgaatgg      60
agaacgagag agtgagaaac caagccaaga acctctggaa tataatatat agcagaagca      120
ggctcaaatg ctggagatgc aagtggagct tacaagtatg      160

<210> 314
<211> 308
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 314
ggaagtttagt gcttaagggt aatagaacttt tttcttttct tttcttttgg agacagagtc      60
ttgctcttttt gcccaaggctg gagttcagng ncgcaatctc ggctcactgc agcctccgct      120
tcccaggctgc aggcgatcct ccttgctcct cacaggggag gctaggcagg ataattcggt      180
ttccaggagc cctctcttgg gggaaacacc tattttcccc ttaacatttg ggggaacaaa      240
aagggagttc ccgttaaaca ttgttcgctg gggatgaggc gccacattg gtcaccttac      300
ctcccgctg      308

<210> 315
<211> 310
<212> DNA
<213> Homo sapiens

<400> 315
aaatgcctgc agggaccccc ggactagaca gccctcagcc ttcatggggc cggggggcag      60
tgggcagctg ctcttgaaca acaggcaatt gttaccttgc aagaaagcag gctcagcgtg      120
tcagacactc ctgcttttca agaaagctg gaagtccagg accagccttg ccaacacggt      180
gaaactcgat ctctactaaa aatacaaaaa ttagcggggc gtggtggcgc atgcctgtaa      240
tcccagctac ttgggaggct ggggcaggag aatcgcttga acctgggagg cagaagtctg      300
agtgagccga      310

<210> 316
<211> 311
<212> DNA
<213> Homo sapiens

<400> 316
ccttgctaac tttatttcag aaagtggtaa aatagctatg gactacagac ccagtgaaga      60
gattgtagat gtcagatggg aagaagaact acacgggttta atataagtat gtggagataa      120
aaactcaaa gtaacagggc cgggcacagt ggctcacacc tgtaatgcc a gtgctttggg      180
aggctgaggc ggggtggatca cctgaggtca ggagttcaag atcagactga ccaacatgga      240
gaaatggtg cacaatgcctg taatccagc tactcgggag gctgaggcag gagaatcgct      300
tggaccggg a      311

<210> 317
<211> 261
<212> DNA
<213> Homo sapiens

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<400> 317
agacaaaact attattcaac tcaacagggg gccttttttt totatacccc cagccttgta 60
aaaacccttt ggtgggtggg cccacccccc acctagatgg ttgggaaaaa ttgggtttttt 120
tggaaacttg ggggcgcctt tgggtttttt ggacccctta atagggtggc aaaaccggct 180
accccccgcc tgggttttct tttttatttc cagggtctcg gggggggggg ggggttgat 240
cacctgagat caggagtcca g 261

<210> 318
<211> 310
<212> DNA
<213> Homo sapiens

<400> 318
ccaccatgac tggcacaatt tcgtattata agtagagata gggtttctcc atgttggtca 60
gactgggtctt gaactcccg cctcagggtga tctgcgcgc tctgcctccc aaaatgctga 120
gattacagat gtgagccact gtgcccggtt gcctgagaca ttttgggcaa cagccgtgac 180
agaagaaaacg tgcattccct ctgtgcaggg gatttaagaa gtggctcatg gctgattatg 240
atttcttttcg tccgtttctg gaactgcggg agcatcttct gggataaggg tctatctgtt 300
tgagtctctg 310

<210> 319
<211> 307
<212> DNA
<213> Homo sapiens

<400> 319
tgagcagaaa aggatagagt gtgacctgcc aagagatact ggacagtggc ctccactttg 60
tgtaccgggg ttggccattc tccttatcgg cacagtcagg ataagaaaaac tctaagttta 120
ttcggatccc ttggaggaca ctctacatg ggaacaattg cagctgtcat ctggagactt 180
acttcccgag caactcagtg gggaaaaggg ggagcatctt gggggacctt gttagagggg 240
ttcaacctgg atagattccc aatcagagtg aagttcaact tcctccaggga tatttctctc 300
cctggg 307

<210> 320
<211> 303
<212> DNA
<213> Homo sapiens

<400> 320
ggagcctttg actatgtgta gcctcacagt attccaggag gggtatagta agtaacagct 60
gggtctggga ccacttttgc tcagagcatt ctgtggaata tgggtctcca gaacattctc 120
tgagaaactat tactcaactc atttaaacac acaaatataa ctctgtataa gagggaggac 180
actggctggc cgtgggtggc cacacctgta atccagcac tttgggaggc tgaggtggac 240
agatcaactc aggcctggag ttggagacca gtctggccaa ctctgtctct actaaaaata 300
caa 303

<210> 321
<211> 295
<212> DNA
<213> Homo sapiens

<400> 321
cattaccgcc acactctgca actaacagaa atatctcttc tcccctgtat atgttaggac 60
caagaataaaa atcaaacatg tggaggacat gtcagctagc ctgggatttc caagataccc 120
cggttggtga gaactacttg ggggtgccctc atctggagat tctggcttag tagatcagag 180
gtgggctgta taatttatat ccatgagcat accaggtaat tcttataact aagcgagttt 240

tggaaaacac agggctcctc taggccagca aagggttctc gtcccagagt gggca 295

<210> 322

<211> 304

<212> DNA

<213> Homo sapiens

<400> 322

tgatccatcc	actgaattct	ctcagagaaa	tgagaactca	gagccataag	cctgctagga	60
atttgcaaga	atcttgggaa	gtgcttcata	atccccagg	tgtagaatgg	aggttccagg	120
caatactcta	tggacttcaa	aatacaggaa	gacctcagat	gacacaggat	acattccaaa	180
tttgcaaac	tggactcagt	ccattcagtt	gaattccaac	agttttcaaa	tttgttaaa	240
tacaaatatt	ttgattcatt	gtattaaaa	gtggttatag	gccaaagcgc	ggggtgcaca	300
ctgg						304

<210> 323

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 323

tacggctgca	agnnnnnnnn	nnnggggagc	ttgtccttct	cataactcca	ctgggagaac	60
tcaggggtcca	attaaactcc	agaccagggt	gagctgcacc	ttctcaggta	tcaaaacaca	120
ggcccccgcga	ggcagcgggt	ctcacacctg	taatcccgtg	agttgggatg	gccaggcgag	180
gtggatcac	tgaggtcagg	agttcgagac	cagcctggcc	aacatggtga	aaccgcttct	240
ctattaaaaa	tacaaaaaat	tggcctggca	tgggtggtca	tgccgtgaat	cccagcactt	300
tgggagggcg	aggcggggcg	t				321

<210> 324

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 324

tgaatatatt	gatcaatgaa	gtcatatact	taacaatagc	tatcaatatt	gaggagctat	60
aaataaattc	taattttcac	aaaactcagt	aaggtatgta	atacaacctc	cgctttacaa	120
tgagaaaaat	aagtcttact	gattcgttga	tttaattccat	atcagagtta	ataacctctt	180
tttcattaaa	attggtcctt	tagaaacaca	cctgcagctg	ggcagcgagg	ctcacacctg	240
taatcccagg	actttgggag	gccgagacgg	gcgcatcacc	tgaggn		286

<210> 325

<211> 284

<212> DNA

<213> Homo sapiens

<400> 325

tgagcttttc	attacattgt	tgaaagatga	agaacgaaag	ctacttggtg	atcagatgag	60
------------	------------	------------	------------	------------	------------	----

gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggttagctc	cttagctggc	cagccaaaat	gttggcatgt	tttggccctc	tattcaaat	180
aaccttgaaa	tatatctggc	gattctctct	tgttttaatt	aacacttgtg	ttggaatta	240
atagaatttc	acctgtcttc	cgtatcagat	ttctgtataa	gcag		284

<210> 326

<211> 267

<212> DNA

<213> Homo sapiens

<400> 326

tcaccactc	ccacacagca	tgacacacg	gttggacctg	agtgtcctgt	atggaaccca	60
ggctgtctgt	tgccgtgtga	ggatatcccc	ctgcttaagg	actttctgtt	catctcagac	120
cacatctggc	cccgagcttc	ctctgatagt	ttccctctct	tatcactgag	cacatttggg	180
gcagctcgtc	cgtgagcatg	cagctctcac	gtgtgggggtg	aggggtggggc	gcacacaggc	240
tgtgctgtgt	ctctggactt	gtacaga				267

<210> 327

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 327

ccctactcag	aaaccacaca	agcttgctgt	ttgtgttttg	tcgaanccgc	ctaccgttgc	60
gctaatacaa	cagaagggca	tctctcttca	tgaagggcac	atacacacac	acagttaagg	120
tgctgaggaa	actgggagag	ccaatttgac	ctggcccttca	ttttgcacaa	gagtaactga	180
agcttcaaat	acaatgtgtg	ttacatagga	accaattatg	tatgtaggat	taataaagat	240
aggagaccta	aggccattta	catgagggca	agaatagtaa	ccttttgatc	cagagaggta	300
gtttaaaaaa	tagtaagggt	ttaacatata	caaataataa	agttggggct	ttaaacattt	360
gaattttgaag	gctctgagtc	atgggattaa	ctttgtacct	caggggcacag	ggaaaggcta	420
cccttgtgca	taagggtattg	aggaagcttc	ctggcagtaa	ttccc		465

<210> 328

<211> 417

<212> DNA

<213> Homo sapiens

<400> 328

ggcacgaggc	acccttacaga	cagtgagggg	gtgtcccttc	ccacaggcaa	gaaccagagg	60
cccagcgctg	acacccattt	cagccatcaa	gaacccacac	agacggcagg	gaagggtggc	120
acagtatgaa	ctactgtctga	tgctctgtgt	ggggatcaga	gggctggcgg	gaacgcgaga	180
agggcacccag	cagcatttcca	caccagcttc	ttctctacct	tctgtcttag	tttgaatttc	240
ttttttttct	ttttcttttt	ttttttttta	attaaaaaag	gaaaaagggg	gggtggggaaa	300
aaacctaaaa	caaaaaatgg	gcattagggc	tcaaacgacc	cccaggaagg	ggcccatggt	360
tggggggagc	aggggcttgt	tgacccccc	tggtttttgt	ttgggcacaaa	ggttttgg	417

<210> 329

<211> 397

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 329
cggtgctgtc gcaagtttga attgtgatga cggntgacgt ttgctgattt ttgactgtgc      60
ttgtagctgc tccccgaact cgcgcacttc ctgtcggcgg ccggcactgt aggtgagcgc      120
gagaggacgg aggaaggaag cctgcagaca gacgccttct ccatcccaag gcgcgggcag      180
gtgccgggac gctgggcctg gcggcggttt cgtcgtgctc agcggtgagg ggaggcggaa      240
gaaaccagag cctgggagat taacaggaaa ctccaagat ggaactttt tcttccccca      300
gataaatgt agctgagatt gtgattcata ttgcgaataa gatcttaaca ggagctgatg      360
gtaaaaacct caccaagaat gatctttatc caaatcc                                397

<210> 330
<211> 394
<212> DNA
<213> Homo sapiens

<400> 330
ggcacgaggg accctatttc aggattctaa gatgtaagat ttcttaagtt ctttatctta      60
gtctcatgca ttctccacat caccgcgtgt accatactgt gtagtacaga cagacagtgt      120
gattgaaaag ctttggaata agttaacaca aaggattatt tagcacatag cgtgtagata      180
cgtatgtgtg tattttgttca acaattggag atggttgaat acccttgaaac aaagtgtgta      240
ttctctcaaa tcagtggttg cactagtcaa taattagaag gtgttggtat ttttaaaact      300
ataagcaaaa ttatgaaggc ctttaaaaaa tctatcataa taatgaaaaa gaggttgtct      360
cccaacagtg ctgtccctca aagaaaaagc tgggt                                394

<210> 331
<211> 377
<212> DNA
<213> Homo sapiens

<400> 331
attatggcgg tgagccacca tgcccggaact ctacatcaga aatttcaaaa ggaatttcat      60
agttacaagt tcttcatgag aacaatagct ccagaaaaac accttccctg gttccagggt      120
tacactgaag tttttctttt ttttttattt cacaacacag attctaggat acactgaagt      180
attaagaaaa atcggggcca ggtcgggggg ctacgccttg taatccagc accttgggag      240
gcctagtggt gcagatcacc tgaggtcagg agttcgagac cagccctgacc aacatggaga      300
aaccgcgtct ctactaaaaa tacaaaaaaa aattatccag cggggggggc gcactgcctg      360
aatccagggt actcggg                                377

<210> 332
<211> 401
<212> DNA
<213> Homo sapiens

<400> 332
ggcacgagcc gagctcggag gcggtcgtgc ggcgcggagt cctcctggat cgtggcaatg      60
ggcagacaca gagcagaaga tggcggactt ggcgggccac aggttaacttt ctgcgaagga      120
gctgaattct ttcaactaaa ggtacaagcc cgagggaaga gctgcgcgat gattggctgg      180
ggagctccct caggtgagct gccattggca gaggcgcgtc caggttaaggc ccttctccaa      240
gtgcaggtgaa ctcactccga agttttacct agtgaggcgg cggcatgctt gcagctcggc      300
ggcagcctgt gagagctgag ggtcagttct tcgagtatat ctcaagctgc gttttctctc      360
ttctccaaag cagggatggg aagggtgagg ctactggttg g                                401

<210> 333
<211> 392

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 333
cggttgctgtc ggctcaacaa gcatcctagt taaagggcct atcttctga gtagggtgaca 60
ccacagacat ggtgcttact tcagaattag ctctattatt ttcagaacat tgcttaacat 120
gttggttgag tccggcagac aaattaacat attcttggtgc ataaaaatta gaacaaattt 180
ggatagcca gtggaacta tggagtcaca ttgcttttta atctaatttt gatttaagta 240
aatgcagtta tacagaggtt gcaagggaaca gaattgtttt tattttattc tattaagtca 300
tggataacaa tgtattttaa agattatctg tcttaacaaa tgtacaattt ttgtacaatt 360
attggccttg gaagtagaga tgacagaatt cn 392

<210> 334
<211> 383
<212> DNA
<213> Homo sapiens

<400> 334
cggtcactct ctgacaggat tgctctgagt caacgtatct gtcttgctaa atgtccttac 60
attgacagct ctatattgt tcataccatc cattaacata ataccacca tctattattt 120
tggtattaaa actctctctc actttcctgg agcatttctg tgtgcctctc 180
ctggtcatac taagtgcctg tagctttctg cttaacgagg tgagcatttc ctatccctgc 240
tgctgtcttc acagcactta cccacagaa agatctcagg cactgacaag atatccaatc 300
tcaatgctat gttgtatcaa gctcatata ttgataaaaa agtccttagtg gctaataatt 360
taataaaatt actattccac acg 383

<210> 335
<211> 404
<212> DNA
<213> Homo sapiens

<400> 335
cttctcactg ctccgaataa cttctctgcat cggtcaacag gctaaagagg gggaaggtct 60
ggaggttgga aagaggactg gaatctgatt ggggttccaa caaatctgta acaccgctgg 120
gaacgactgg gtccccttta ggtcctttag gacagcgttt gaaatcttgc ttcccctgcg 180
agggatccag caccgctcc tctcccgcca accacggtgg gagcgggga ggaaatggac 240
ataaacccgg gtgtgaaaag ccagggaatg aagcccgagg gagcgggga tctgggattc 300
agaactctga gacgtctctc gggatgttta actttgacac ttcttggaag aatttttaaa 360
ccaagcctgg gtttcatcaa ctgggatgac ataaaccagg acct 404

<210> 336
<211> 390
<212> DNA
<213> Homo sapiens

<400> 336
ggcaccagca aagaggaaac agtttagttt tagtggcatg tctcactgac aatgctgaat 60
acctaatagt ttttccaaaa ttgggtccag tgggtttacgt ctgggactct gcagatagac 120
tgatctcaaa agcctgtcca ttgtctgcag caggaataat ggtcggctct atctattgga 180
cagctgtgac ttatggagca gtgacagtga tgcaggttgt aggtcataaa gaaggtctgg 240
atgttatgga gagagctgat cctttattcc ttttaattgg acttctact attcctgtca 300
tgctgatatt acgcaagatg attcgtctgg aggactatgt gcttagactg tggcgcaaat 360

actogaataa actacaaatt ttaaatagcg 390

<210> 337
<211> 400
<212> DNA
<213> Homo sapiens

<400> 337
cggttgctgtc gcttggggaag aatcccaaca tcgagaaaaac ggtgtcctgt gagttccaac 60
aatgcttcctt gttcatgggt ttcttcogta tggagtggtat taagagtggt ttatttttgtt 120
gttctaactg agaaaaaaag gaggcaccca caaggttgag gtcacacagt ctccacagtt 180
tcacaggaggc gttttgggggt ggggaaggca cctccagagc atgaggctct aagggggacat 240
gagtaaaagca tgtctgtgac ccagtgaagg agggagaggc cagctgcact cctgcacggg 300
gttcctagct gcagaagggt cccgcctatg ccgaggggaa acacctgata gcagaagagg 360
cctggatgca cacctggcac gccgaggctc tccgccacga 400

<210> 338
<211> 356
<212> DNA
<213> Homo sapiens

<400> 338
cctcagcctg ctgagtagct gggattacag gtgcccacca ccacgccag ctaatttttg 60
catttttagt agagatgggg ctccaccatc ctggccgggc tggctctcaa ctctgacct 120
aaggcgatct gccgcctca gccctccctga gagctgggat taaaggcgtg agccaccaca 180
cctgggcacc ttattttttt atacggctct actgcataca gttgaataag aaaactattc 240
ctgtattgct gcaactttac actgcttcaa aatcggccta ggagaaacaa tgccttaatt 300
gtctcgggtg catttaattc cttagagcaa cgggcttggc caaaggcaac ctaccc 356

<210> 339
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 339
caaaactccca agcacaagtg aatcatgggt cagtgaacta ttgtgtgaat aggggcacag 60
agaatcccta aaccattgct ttccatatac ggagtcacaac agtctttcag gttgcccctg 120
actgagggct ttgagtattt agtggagttt tctggtaaat catagctatt ctaattttag 180
tttccgccca actagatgct tccactatc cctggtaagg aatggaaactg gctcacagat 240
aatgtagctg tttagtaata gatcgagata ttcttattat cctctctagg gctctattc 300
tgattttctta tttttaagat taagaattta atggctaaaa aagctaagtg n 351

<210> 340
<211> 381
<212> DNA
<213> Homo sapiens

<400> 340
cggttgctgtc gaacaatggt acaaaaaggca aatataaaga gtatgttttc tttttagtgc 60
tttggaaaaa ttccacttaa actcttatta ctgtatagat taaggcctat aagtgctatt 120
atattccagg ggaacgaaaa tcgaatttg ttttatgatt taagcatct ggtttgcata 180
tggtattgta atactgatac agtttggctg tgtccccacc aaattgaatt gtgttaatat 240

ttcccataat	ccctacgtgt	tgtgggaggg	acccagtggg	cagtaattta	atcatgggtg	300
tggttaccc	catgctgttc	ttgtgatgg	gagttctcat	gagatctgat	gggggttttt	360
ttttgtttt	gtttttggt	t				381

<210> 341
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 341						
ggtccagtat	gtagcgtaac	agccttccaa	ccagtttagag	ccagtgtctct	ggttggccat	60
tcttgcctta	ttgcctaccc	tggagttaga	ttagcgggtg	aggggagatc	acttttatct	120
agactgcagg	aactgagaat	gggtgagggg	tgattcccaa	atagaaaaatg	aaggttctgt	180
ttatagaaga	ataagaaact	atgtttgtct	ggtaaaaaata	gcagttgtcc	attctatcag	240
ttttcattcc	catgttacag	aaattcttac	caaacaggct	taaatagttaa	gcgaatgctt	300
tagttcattt	cactggcagt	tcagagtggg	gggagccctg	gggn		344

<210> 342
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 342						
cgggtgctgtc	ggaacttttc	aacatattga	cacccagcgt	gtattacaaa	cgaaacaggg	60
acagatgaag	gcctgcattt	gcctgaacgc	tatagtttgt	tgatccctaa	ctagtaaatg	120
gaattcacat	ataaccacat	ggacttttga	ctgcacagaa	aaagtccagt	tggggagaat	180
ttcagactta	catgtgaagg	acagatgtca	attttcattt	ttattttatt	tttgagacag	240
agtcctccctc	tgtggccccag	gctggagtgc	agaggcatga	tcttggtcta	ctgcacacctc	300
tgccccctgg	gttcaaacaa	ttcttgtgtc	tcaacctcct	gaaaagctgg	gaataacggc	360
gggcacccac	cacg					374

<210> 343
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 343						
cgttgctgtc	ggaattgaag	cccaggtggg	tgtccaatgc	cagaccatgg	atcatcagcc	60
tgggacacca	aagtgcacac	ctctcagagt	gaggatgatc	ctcagggaagt	cagctctacc	120
accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaaat	tcaaacaaact	agatggcacc	240
aaatccctca	attatgaag	acatttaacg	tggtacccaa	ttggaaaacgc	ctcatggcag	300
aaacaaacat	aaatcctttc	tgaagaggtg	cctgtgccaa	gtgtttccca	aaccagtttt	360
tttagggaaa	atg					373

<210> 344
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (350)
 <223> n = A,T,C or G

<400> 344									
aagctcctgt	ccccgaacaa	gaagcagagg	aaaaaccaca	ctagcaagct	gcaagagttg				60
gcactgtgtc	tgcccatagc	cctgaagacg	gggaccaaga	agctcacaaa	ggtacaggga				120
ctagaggaga	ggggccagat	ttgggaacga	ggtcttttaa	tagcagcaaaa	tggttcaccc				180
tctcctggga	aacctggaca	gaccccttca	gtggcagcat	tcaaatggga	atgggtctac				240
cttgaaacgg	aatttcocgg	agctctgtat	cccataacta	ggtgcctgga	ggatcccttt				300
tttgcaaaag	agagaggaga	aacggggtgt	gggaaataga	gatagcacan					350

<210> 345
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (361)
 <223> n = A,T,C or G

<400> 345									
cgtgtctgag	ctgtgatgac	gctggccttg	tggttctgca	ggtgggtgtc	acaggtgccc				60
tgctgggtgc	ttttctctcg	ccctgggaga	ggctcgctga	ggctgcacgg	ctgctctggga				120
gaggctcgct	gaggctgcac	ggctgcctgg	ggcgcctctg	acgcgcctct	tggactgcag				180
catccacggg	atcgctgtcg	caactottat	tgctttggcg	tttaacctatt	ggggatttaa				240
aaaaaaaaatt	gttcattttt	ataaaaaaga	catgggctgg	ctgggcacgg	nggctcaacg				300
ctgggaatccc	aatacttttg	gagggtgagg	tgggcggatc	acctgaggta	aggatttcaa				360
g									361

<210> 346
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 346									
ggaggtggag	gttgacagtga	gctgagatca	tgccactgca	ctccagcatg	ggtgacagag				60
actccggctc	ataataaaaa	aaaaaaaaaa	aataattttt	tgactgaaaa	aatatttttt				120
tgctgtgggg	aggggttttt	ttttgggcgc	aagaagtaac	aactgtgtgt	gggggggggt				180
tgccaccccc	cttctttttg	gagagcttgt	gttctttttt	ttt					223

<210> 347
 <211> 477
 <212> DNA
 <213> Homo sapiens

<400> 347									
ttgttctttt	tgcaagatcc	cactcgattc	aattoggcac	gagatattaa	aaggaggtta				60
gtgcttaaca	agaattttaat	tgctctgcaa	ttcatgtgtt	ttctaataca	acctaaaactt				120
taagatcttt	ctagggggcag	aaagcccatg	agaaatacaa	tggaaaggtaa	agacaatggg				180
acggcggaag	tggttgccacc	ccgtgcaacc	agctgcagaa	tgaataggga	aaacagcaaa				240
gctgtactag	cctctggttt	atcaactcca	gaccatgaga	aagataactg	tagatacagt				300
tacactatga	caaggctaag	cacgaatcac	caacatgttt	cccaaatgtg	gtggtggccc				360
tgaaaagtgt	tttgccttgt	agatggaatc	aagagctaaa	atcaaaggct	actcctgaac				420
cgttttagta	agaccocagg	taggagtcca	aaagcctcag	tctcagttcc	cccgatat				477

<210> 348

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<211> 321
<212> DNA
<213> Homo sapiens

<400> 348
ggagtagaat gcttttctact agctctcaaa ccttggtgtg aggaattcct tggagggtct 60
gttttaagca cagattgctg ggctactagg aatcagtggt tctgcaaggga ggccctaaat 120
tcgcctccct gacaggttcc tggcagatgt gatgctgcct gaggcctgca cttaggacca 180
ctgacatagc caactagaag aaacatggga aggctgggga gtctctccct gtagttagcc 240
ctcaggagga ggattagaat gggggcactg gaggaccagg cgcgtgggct cagccctata 300
atcccagcac tttggggaggc g 321

```

```

<210> 349
<211> 434
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

```

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<400> 349
cacagcaatt gtcttttggc ggatnnnnn gagtgaatt cggcacgaga tgcgtgggtg 60
gagaacacac ctgtggtat cttatgtgag gactagaggt gaagaggaga tggacactgc 120
ctctggagac agcctgacac caaggacagc acttgctatc atccctatcc togtcagccc 180
caccctgctg cctcagctgg acccagggct ttgacacaaa cccagtgcct tgcctatggg 240
tgctcgtggt ggtcgggtgg agactgacca cctcgttga gccaaagaca aggtgatgag 300
agatggggag aggcatttgg ctcccagagg gaacagtgct gsgtgtggct agagaacagc 360
aggctctgct agtgcctgag ggcagggttg gaagggttagc anagagagag agaccgaaa 420
agagagagag agac 434

```

```

<210> 350
<211> 178
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

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<400> 350
acgttttagc ctgaacagga gccaccatgc attgcttcag cttcattaag accatgatga 60
tcctcttcaa tttgctcatc tttctgtgtg gngcagccct gttggcagtg ggcattctgg 120
tgtcaatoga tggggcctcc tttctgaaga tcttcggggc actgtgctcc agtgccat 178

```

```

<210> 351
<211> 442
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

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<400> 351	tagctttttt	gatgatccca	tgcattcgcc	gatttaaggc	tgcaaggaag	gagtcctgtt	60
attttgtttt	ttcctgagca	aagccgtttt	cttcagagct	gcggcagaaa	cggttgaaga	120	
cgctggactg	cgggcagggg	gcagtgcgag	cgtacagatt	taatgtggat	ggcaattact	180	
gcttgaactg	cggcagtgac	aagacgctga	atctgtggaa	cccgcttcgg	gggacgctgc	240	
tgccgagcta	cagcggccac	ggctacgagg	tgctggatgc	ggccggctcc	tttgacaaca	300	
gtagctctctg	ctccggcggc	ggggacaagg	cggnngttct	gtgggatgtg	gcatacgggc	360	
aggctcgtcg	caaatcccg	ggccacgag	ggaaggtgaa	cacggtgcag	tttaatgaag	420	
aggccacag	tattctgtcc	cg				442	

<210> 352
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 352	cgttgctgtc	ggtecccttc	catcctcttc	tccctgettc	cctcccagcc	tctggcaacc	60
actattgtct	tttatacttc	catgagatca	gcttttaaat	tccataaatg	agtgagataa	120	
tgtgatactt	gtctttctgt	gtatagctta	tttcaactca	cataagtcct	tcaagttcat	180	
ccatgttgga	ctaaataaca	gaatttcttt	ttttttttta	ggacaaaaaa	tatccgaaac	240	
aaagccaacc	aatccatgac	ccaaagtgtg	tgctattata	tttccattga	gaggggatta	300	
tctcaaatgc	taggttaagt	ccttggtcca	aattaaaatc	tgaaattgga	aggggtggat	360	
aacaactaga	aatatagtgg	aaaagaagct	cctaatatgg	actccattca	tgg	413	

<210> 353
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 353	aaagcacatt	tcacttatat	gtccagatc	cccaatatct	atgactttaa	aagtcctgca	60
gaacaaaggc	tattacgcag	tgctcagtc	ctgttcttga	gatgctttac	attgtggcag	120	
tctcagaaat	aaacgttttt	taactgagag	cttttggtta	ccatgag		167	

<210> 354
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 354	gatcatacaa	tctagtagcc	tgtagaata	tggagtatga	cagacagatt	ctggaagtca	60
cattattagt	atcaaccttt	agtgttttgt	tttatagaca	ctgacctaca	tataataaag	120	
attgtgaat	ttgaaagaat	tacaaaaaca	taaccataa	tcaaaagaga	ataagatcaa	180	
tagaagaata	ttttgaaata	atcaaaacca	acatttaaaa	taactatgca	aaatatta	238	

<210> 355
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 355	tgctcgccga	gctggagtc	agtggcatga	tctcagctca	ctgcaacctc	cacttccag	60
gtttcaagcca	ttctcctgcc	tcggcctccc	aagtagctgg	aattacagcg	atcctgccac	120	
cacatctggc	taatttttgt	atttttaata	gagatggggc	gtcaacatct	agaccaaggg	180	
tgctcttgat	catcggaat	actgtgagcc	gtcgacaatg	tgctcccgat	gtgatgctat	240	
tattttataa	atccaaggct	aagtataata	attaggctta	gaacacaata	acacctctgg	300	
ccaaagtatc	gtaacccccc	actttactaa	taatctcttc	agtttacaga	tgagcggctc	360	

ctaataatccg gttc

374

<210> 356

<211> 131

<212> DNA

<213> Homo sapiens

<400> 356

ttcggctgtg	aaatgacaac	agatgggtgtc	gggtgcgata	tgacgaccga	atgggttaccg	60
ctgcgtataac	acgaccctaa	gtggatcggg	ttgcgggaaa	ttcgactgca	cagggggctg	120
gogtttgact	g					131

<210> 357

<211> 226

<212> DNA

<213> Homo sapiens

<400> 357

aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcatgttg	ataatcaaat	60
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatggtaca	cattcccat	120
gaggtttaat	tgtaaaggtt	tgtttgacac	attttaagt	tttagactga	aatcttcacg	180
gtttggaaat	cattgtactt	ctagcactgg	cagaagacat	gtaaat		226

<210> 358

<211> 414

<212> DNA

<213> Homo sapiens

<400> 358

cgttgctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tattttaaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	gggtgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttcct	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcatcttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	actttttaaa	aagaatcatt	aagcatattt	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	tatttttccg	tggt	414

<210> 359

<211> 406

<212> DNA

<213> Homo sapiens

<400> 359

cgttgctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tattttaaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	gggtgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttcct	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcatcttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	actttttaaa	aagaatcatt	aagcatattt	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	aatttt		406

<210> 360

<211> 400

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 360
cggtgctgtc gctgaataac catcagaggg ccaggagggg ctagtgttaa ctggcaaaata    60
tagtaaaatta atttgcctcg gttgataggt agcaagcagg gtttatatac attgtcacct    120
acctttccag ttaaccaggag agactggaga ttttatgaaa tttgatattt aaatgttggg    180
aactgggttg ggcaccatgg ctcacacctc taatcccagc acttcgggag gctgaggcgg    240
gtggagcacc tgaggtcagg agttaagac catcctgacc agcctggtga aacacagtct    300
ctaataaaga taaaaaaatt aggccgggtg tggtggctca tgcctgtaat ccacgcactt    360
tggggaggcc aaggtggcg gatcacctga gtcaggagtn

<210> 361
<211> 409
<212> DNA
<213> Homo sapiens

<400> 361
cggtgctgtc gcaaggatct ccattctccc tgtctggata cttctttggc agagatatgt    60
cctttaggaa aaaaatctcag ctctaaagtt aattcagaca gcggtattcc aggactagca    120
gcacgtgctt tacttgttgag tcacgggtgct tacatcagaa gcctgtttga ctattttctg    180
actgacctta tgtgtgcctt accagccact ctgagcata atgaactgat gtcagttact    240
cccaatacac ggaatgagtc ctctatcata cactttctgt acggaatgag aagttaaaac    300
aacgggtcag tgtattcgta tgaacctaca ggatcatcga aatggactga ctgatactcg    360
ctgoggataa atctgcata ctatctaacc attttgagcc tctgaaggg

<210> 362
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 362
atttcagatg gatagtagtt caggtaacatt actggtacag tgtgtctaaa cggtttcccc    60
atgattacta ggttctctgtg atatctggtc tagaaacaca gccatatttt ataaatctgt    120
gtgtgtgtgt gttgtgtgtg gtgtgtgtgt gtgtgtttct ttaatggga gaatgtgatc    180
agagttctaa aaaactgaaa taaaagtgcg tttttagaa atgaactatt ttgtaaat    240
tagatagatt atagagtgc tactataccc cagaggaaga gaacccattt    300
aggcatccgt ttaaggaga ttggtgtga tggtcttagg gtctttttatc tgaagatga    360
actgcggctc tgtctattat agatan

<210> 363
<211> 406
<212> DNA
<213> Homo sapiens

<400> 363
cggtgctgtc gcagggtttt gctttgtctc ccaggctgga gtgcagtgat acaatcatag    60
ctaactgcaa cctccgcctc ctgggctcaa gcaatcctcc cactcagcc tccccagtag    120
ctgggatcac aggcctgtgt gaacatgcct ggctaagttt tcatattttt ttgtagagaa    180
ggggttctgt catgtgcgcc aggtcgaact cgaactcctg ggctgaagag acctgcctac    240
ctctgcctcc caaagtgtgt ggattacagg catgagccac ccagagccaa ggtctcagtc    300

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ttttagtgtgag	cttgttttatg	gatttttgaac	tatatcctgt	ttctcagcgc	ctcaccacca	360
ggatggccttg	aatgacctgt	agttgggtat	ttcccttacc	tcatgt		406

<210> 364
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 364						
gtgctgcatg	tttaaagtat	tccctctgtt	ttacttcatg	atagtgggcc	cotttcaggt	60
tataaacacg	acatttttct	atgggtttca	ttatttgcac	atgccaacag	agtagaatag	120
atttttaacg	agcatcactt	cattgcaagc	aaatttatta	atccagtggt	actgatgaaa	180
ctaaaggagct	ctttgggggtc	aggctcgatg	gtccacgcct	gtaattcttg	cactttggga	240
ggctgaggcgg	gggtgatcac	aagggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtcct	tactaaaaat	acaaaaaaat	tagccgggca	tggtggcggg	tgctgtgaat	360
ctcagctact	cgggan					376

<210> 365
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 365						
tactgtctgcg	agatgacgac	acatgggtac	ggttggtaga	ttacgactga	atgggtactgt	60
tgcgatatct	acaccttaat	ggctcgtgct	gtgggtgaata	ctactctaca	gggaacctgt	120
tgccgtatat	tcctcagatg					140

<210> 366
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 366						
tggggtacggt	tgctataaga	cgacaaattg	gttcgggtgt	gtttagatga	cagatggggt	60
cgtgtgtggct	attaatctca	ccaatgtttt	ctgtgtgttt	tatactgacg	taatgatcat	120
tttttcgggt	atctgcg					137

<210> 367
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 367						
cgttgctgtc	ggggagatcg	gaagattttt	tctctatctg	gactctgctg	gtgtgcctgt	60
tgactggcac	tgggggaaaag	tcgtctgaaa	ctggggcctc	agtttcttaa	ggagggttgg	120
tgaaatcaca	atcttcaaat	atagggggat	ctgaggggtac	aaaaagggtc	tgctgcacctc	180
ctgaaatagt	atataccatt	gtgtgtgtga	gcaaaaatgt	attccaaccc	ttcccacgcc	240

cgctcgaggt	ccacagtttc	catcagatta	tcagtaaata	ggataccaaa	tgtagtga	300
agttaccatt	acatgccagg	cgcgggtggc	cagcctata	atcccagcac	tttgggatac	360
tgagggcgcc	agatcacttg	aggtcaggag	atcaaaan			398

<210> 368

<211> 209

<212> DNA

<213> Homo sapiens

<400> 368

aaatacattt	tatttttgta	acattttaaga	aatctagtgt	cttcattgtg	ataatcagat	60
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatgggtaca	cattcccat	120
gaggtttta	tgtaaggtt	tgtttgacac	attttaagt	gttagactga	aatcttcacg	180
gtttggaat	cattgtactt	ctagcactg				209

<210> 369

<211> 405

<212> DNA

<213> Homo sapiens

<400> 369

tgactatgtt	tatatctacac	taaaaccctt	gcagttccca	atctgctcgt	tgtagttaa	60
aaactttcag	cttcgtttaat	gtcactgcct	ctgtcatctt	tgaaaaagacg	atagttttgt	120
gcctgctgaa	cataatgaa	atgcacgcaa	aaagagtttg	ttgaaactct	ttgttacgac	180
ttgtctctcc	cgcttcacat	tctacctggc	ctctaattta	atattaattg	ttttggaat	240
cagagtcaac	aaaaagaccc	acaagactta	atgggggtccc	atcagtcctc	ataatttgat	300
ttgaaagggt	gaaagcggtg	agcactgtca	ttcatagcca	aacagtccta	ttgagaggct	360
ttggactatc	atgccagctg	tcagaccact	ccatgcactg	gggtgg		405

<210> 370

<211> 398

<212> DNA

<213> Homo sapiens

<400> 370

cgttgctgtc	gggttcaggtc	actgaaagca	aggaaagcct	gataaaactgc	cacggccacg	60
aggagtctaa	ggacacatcc	aatttccatt	cgcattccaaa	atggaatccg	agacagaaaag	120
aggaccttag	ccttcacatc	tggttttttc	ttatgaagct	tcttctgggt	ggaactttgt	180
caaatttcac	caggttaagaa	gtgctaaggt	gaacctgtaa	actttgtttc	aaaaaacaaa	240
aaccgaagt	taagaaatct	aaagatgggt	tcagccttag	acagatctct	ggactgtaat	300
ctgggaaagg	tcaaataga	tctccaatcg	gttacaattc	caaatacatt	tgagagcagt	360
gggtctgaaa	atgtgggtcc	cagaccagca	gcacat			398

<210> 371

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...{325}

<223> n = A,T,C or G

<400> 371

gagtggtgact	cttaaaggca	agagcatgta	tattatgcca	aagcagcctg	aaatatatta	60
ttcacagaca	gacagacaat	gcttgactcc	ctgctaactc	gaaataactc	gtggggaggg	120
ccagggaat	cacaacaaaa	tttcagaagt	agaatgagct	atttggtgta	tgctccccag	180

gccataaat	aacacgaag	agaataaat	ttctttgcta	accacacgaa	ggagaaatac	240
acttttttgc	tctaaaaata	tttccaatta	tctccacgac	actggaggga	aggactatca	300
nnngtacat	naatgtgagg	aaggg				325

<210> 372
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 372						
cgttgctgtc	gcattggagtc	ttgttttgat	gatgacagtt	ttctgtaact	acagcttgga	60
aactatgcaa	atgggtctaga	ttctctcatag	ctcacatgat	aggatataagg	tagtgatgac	120
attttgtctc	ttctgtggga	acacacacatt	caaggaggag	atagtgaact	tgagatagga	180
acagtttaag	atgcagtggt	agtcctggcct	gcgtgcgggt	aggaggcccc	gccaagagac	240
tggtggacat	ctgaactgtgg	gatgtgctct	caagtaggac	gtcatcagga	cagattctga	300
ataggcatca	tgagagtgtc	ggtcagaaac	ggctgccact	tttttaatt	taattttatt	360
ttttatttaa	aggaaggaaa	catagctagg	taagattttt	atcac		405

<210> 373
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 373						
catcgattcg	aattccgttg	ctgtcgtcta	gtcttcatac	tgttttaaat	gcttattttac	60
ttatccttat	ttcccattta	ggctctaagc	actaagtggg	tactgcaagt	gctcaaaaaa	120
tttggttgct	agaaatagta	gtgttaaatc	aatgagaaat	ggctctaaaa	tatagaccaca	180
gggcagatct	tttcccacct	cagtacaatg	agctgtcatg	tgctcttact	gactgggaat	240
ctatcacaaa	tacatgtgca	gacattttcta	gttttagataa	cattaaaaaa	acatttagcg	300
aacagtatgt	attctgtctc	ctccttatac	atcttgcatg	acattaaagga	tttccagttt	360
tcctttccct	caaacagttg	cagaaagtca	gtataaagagt	gtt		403

<210> 374
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 374						
gagatttgtt	acgtattttta	gacatcttct	aagtaactcc	acagaagact	ctcaaaaaca	60
aagcgtgacc	tcaacctgtcc	tataggtgcc	ctagtggaga	atgcttgata	ccaggtgaca	120
acccccacgc	gccccaatag	tgcaagaaca	aagtgaggc	cagagaaggg	gctggtagtt	180
ttcttctagt	tctcagaagg	cttatctgat	gatccactca	ctctctcttc	caccttaagg	240
gaagaatgga	agataataag	caaaaacttct	agaaaagagca	attagccctt	caacttctaa	300
tatccagggtg	ggtcagttcc	cagtgagaga	ggtaagtggg	caatggtaag	ctgtgccaca	360
caccaagtat	g					371

<210> 375
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 375

tgagtgtgtggg	gcctctgcgtg	acagccctgc	ccctgagtat	ctaagtgtgtg	cgttgacagc	60
cctgcccctg	agtatctaata	gtgtgctgta	cagccctgcc	cctgagtatc	taagtgtgact	120
ggctgtgtgtc	tcccggggata	tcttccaaga	gacagaataa	cctggatctg	aggataaatg	180
ccaggaggaa	gggagaatgt	atccatgggt	cccatctcca	ttagtcaaaag	gtacctctac	240
agtgccttca	cagcccccagg	ctgactgcgc	ctagcggctc	ctcagcgttt	cagctgcagc	300
agcagcaggg	acaccacaag	tggccaggta	cagcctggaa	ccctccccag	ggctggccct	360
agaggcaggt	aaagtggagga	gcaccttaca	tggtgcataa	naagtgtcca	atgccagtcg	420

<210> 376
 <211> 417
 <212> DNA
 <213> Homo sapiens

ggcacgggag	gtttcagcga	gctgagatca	caccactgca	ctccagcctt	ggtgacagag	60
tgagactctg	tctcaaaaaa	aaaaaaaaaa	aaaaagcccc	ccccctttat	tattataagg	120
gggccttttg	ggataagccc	aaacccaata	aaaatccggg	ggggggggca	ccccccctct	180
gggaattttt	taaaaaaa	tggttttttc	ggacccttgg	ggggggggcc	ccttttttgg	240
tcaccgttaa	taggggggaa	aaaaggtgtt	aattacaaaa	agggactttt	tttttttttg	300
gggccttggg	ggaggggggg	gggagtttat	tcatgtcccc	tttttcttcc	cagaagagga	360
atatttcccc	cgctcagaaa	gggaatcctg	cgccctttta	tgccctgggg	ggtttttg	417

<210> 377
 <211> 375
 <212> DNA
 <213> Homo sapiens

gatttgtggt	gagatttctt	cccaggccac	aagacatttc	ctgctcgga	ccttgtttac	60
taattgtaag	tacttttcaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagaattt	ggatttttct	gtttttttct	tagcagggtt	tatttttgat	180
ttcagctaaa	agactaaggt	tttcttatct	aatggcctta	aatttataca	tttaggcata	240
ttcaacaatt	ttttgctaag	catttttgcc	aatgccaggc	ttttcaaaag	agggttaagt	300
cccacccttg	aatctctatc	aattgctgct	ttttgcagaa	aacacatat	atacattgta	360
tttagaaaca	tgaag					375

<210> 378
 <211> 164
 <212> DNA
 <213> Homo sapiens

agtaaaaaca	aatcaagac	taagagagga	ggaattagaa	tgagactcat	gtaccctcct	60
tcccactctc	aggggaaaga	gagactgttt	gggaatcccc	tcccactact	tccaggcgag	120
aggctgtgca	gaagagcctt	ggagaatctg	cagccactg	atgg		164

<210> 379
 <211> 239
 <212> DNA
 <213> Homo sapiens

atgccctctc	cccatgaaga	atcactctga	attcttcacc	actgatgett	tccatocgga	60
ggtagaaacg	ccagacacc	ctgtcccttc	ccctctctca	ctcctcttac	aggcacagt	120
cgccctctgc	atgaactccc	cgtcgacccc	tgccctctgc	ctgatctcta	tcccacgctc	180
ctctctgcgt	cttctgccta	cctaccgccc	ttccttctca	atccgcgcgc	cgcttcccc	239

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<210> 380
<211> 406
<212> DNA
<213> Homo sapiens

<400> 380
gaaggaatgt gggcaaggtt ttgaacttga ttgttcttga agctatcaga ccacatcgag      60
gctcagcagt catcogtggg cattttggtt caacaagaa acctaacatc ctactctgga      120
aacatgatctc ggagtttaagg cgaattgttc aagaacacaa actacatcgc actcgtcagt      180
tgtcagttctt ggggcatgac tttagcgttt tgtttctgcg agaacataac gatcactcat      240
ttttatgtcc cagctgtgtg tgtccgcatac ttctcgttca acattgtttt aactagtcac      300
tcattagcgt tttcaatagg gctcttaagt ccagtagatt acgggtagtc agttgacgaa      360
gatctggttt acaagaacta attaaatggt tcattgcatt tttagg      406

<210> 381
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 381
cgttgctgtc gcttgggcaa aagtccagtt aatagtgtcg ttctgaaaga taggggttaa      60
aaacaatttg ttggagaaac acaagcagg actttccag taaatcacac gcaactctct      120
agaggagcag atcttgcaag accaggagta aaaccctcaa ggacggttcc ctctcacttt      180
attcggaacc ttagttaagt tcagtcatac aagaaaccag tagtcaagaa catcaagat      240
ataaagttta ataggagtca atatgaaaga ccagatgaaa ctaagatagc gtcataccct      300
gttaactgaac agagagtga gacacaccana cccagaacat accccagttt gcttcagggt      360
gaatataaca acagacatcc aaacatcaag caagatcaga agtccn      406

<210> 382
<211> 186
<212> DNA
<213> Homo sapiens

<400> 382
caacgcgtct ctgttctggc tacatagggg ggcgcttttt ttttttttcc ccacatgggt      60
tactgtctctt ttgtgtagt tgggttaaaac cctgttcttt tgttgggtct ggataaggac      120
gccctctctg tttggatgct tgtggcgctc tacggcgggt ttgttttggc gagecctttt      180
atatgg      186

<210> 383
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 383
cgttgctgtc ggaattgaag cccagggtgg tgtccaatgc cagaccatgg atcatcagcc      60
tgggacacca aagtgccaca ctctcagagt gaggatgac ctcaggaagt cagctctacc      120

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accctccaca	ccaggaagt	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagttt	catggatttg	cagcacaaagt	tcaaacaaact	agatggcacc	240
aaatccctca	atttatgaag	acatttaacg	tggtacccaa	ttggaaacgc	ctcatggcag	300
aaacaaacat	aaatccttt	tagaagggtg	cctgtcccaa	gtgtttccca	aaccagtttt	360
tttagggaaa	atgcacagct	tactataaaa	aaattttaac	ctaaacttgg	n	411

<210> 384

<211> 354

<212> DNA

<213> Homo sapiens

<400> 384

ctgggaatc	aactgttcca	gcacaaagggc	ccctgtcttg	ggaaggccca	cgctgaggag	60
gggaggatgg	ccgacacct	ggggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cgccagagaa	gagggtatag	aaagtatgga	cagggagccc	agtgagagacg	180
gagctggcca	gccaggaagg	acctatgtat	tctgggcagg	aaggtgagaa	gggctcccta	240
ctccaggcct	gccagggccg	tctcctgtct	caagctccgc	tagctgcccc	gggctacgct	300
agctgccctg	ttgcccgcac	caccaagttc	cctggcgccct	gcgggaggga	aacg	354

<210> 385

<211> 381

<212> DNA

<213> Homo sapiens

<400> 385

tgccctcagcc	tctcagtag	ttgagactac	aggtgcccat	caccatgcgt	ggctaatttt	60
tgtatttttta	atagagacgg	gggttttacc	tactggccag	gttggtcttg	aactcctgac	120
cttctggcct	gcccgcctcg	gcctcccaaa	gtgtttggat	tacaggcgtg	agccaccatg	180
cttgagactaa	gagtggtgtg	gtgagtatga	ctttctcaat	tcgcctctcc	ccctcccttc	240
cttatgtcgt	catcagggtta	gtctttccgt	aagacacgtc	gcaatcaagg	cggtcagagtc	300
ctagacatcc	tttcttccct	agggcgtcca	gctcattgca	ttaaacacgac	tatctgtttt	360
ttatctacgg	tgctagagacc	g				381

<210> 386

<211> 398

<212> DNA

<213> Homo sapiens

<400> 386

ggcacagagac	aaaatgggtt	caccaggcct	gtttacaacg	ctgggtggat	gaaaagcaaa	60
gaggaaacag	tacagccaga	gtggcatgtc	ctcagtgcaa	tgctgaatac	ctaatagttt	120
cttcaaaatt	gggtccagtg	gtttacgtct	tggtatcttg	agatagactg	atctcaaaag	180
ctctgctcat	tgctcgacga	ggaataatgg	tcggctctat	ctattggaca	gctgtgactt	240
atggagcagt	gacagtgtat	caggttgtag	gtcataaaga	aggctcggat	gttatggaga	300
gagctgaccc	tttattcctt	ttaattggac	ttcctactat	tcctgtcatg	ctgatattag	360
gcaagatgat	tcctcgggag	gaatttatgt	cttagact			398

<210> 387

<211> 383

<212> DNA

<213> Homo sapiens

<400> 387

gatttgttgt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	cctgtgttac	60
taattgtgaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaa	120
agcttttttt	aaaagtaatt	ggattttctg	gtttttttct	taccaggtta	tattttgagt	180
ttcagctaaa	aaactaaggt	tttcttatct	aatggcttta	aatttatata	ttaagccaaa	240

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ttcaccattt tcttgtaag cattttgcca aatgccagcg ttttcaaagt agggaaagat 300
cccagccttg aatcctcatc aattgctgct ttttgacga aacacatatt atacattgta 360
tttaggaaca gggatcatta atg 383

```

```

<210> 388
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

```

```

<400> 388
cgttgctgtc ggttttatct acactataac ccttgacgtt cccaatctgg tcgatgaagt 60
gtaaaacttt cacgcttcga tgaatgcact gcctctgaca tctttgaaaa gacgatagtt 120
gtgtgcctgc tgaacatata tgaatgcact gcaaaaagag tttgttgaaa ctcttttgta 180
caacttgctc ttccgcttc acattctacc tggcctctaa tttaataatta attgttttgg 240
aaatcagaga caccaaaag accacaaga cttaatgggg tccatcagt catcataatt 300
tgatttgaaa ggctgaaagc gggcaccact gtcattcata tccaaacagt actattgaca 360
ggaaatggac tattaggacc agctggcaaa ccactccctg cactn 405

```

```

<210> 389
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<400> 389
cgttgctgtc ggaggaagga agcctgcaga cagacgcctt ctccatccca aggcgcgggc 60
aggtgccggg acgctgggac tggcgtgttt ttgctgtgct tcagcgggtg gaggagggcg 120
aagaaaccag agcctgggag attaacagga aacttccaag atggaaaact tgcctttccc 180
cagatataat gtatgctgaga ttgtgattca tattcgcaat aagatcttaa cagggacgtga 240
tggtaaaaac ctacccaaga atgatcttta tccaaatcca aagcctgaag tcttgacatg 300
gatctacatg agagccttac aaatagtata tggaaattcga ctggaaacatt ttacatgat 360
gccagtgaac tctgaagtca tgtatccaca tttaatggaa ggctt 405

```

```

<210> 390
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

```

```

<400> 390
cgttgctgtc gtcaggacac cgggagtgga aggcacacgg taocgcgtgg gtctcagccg 60
ctgcaaaaaa ccggcatcgc agggcaagag ttgttccagc gtctcccgct gactccaaac 120
cagcgggtct tgaccaaggg attccaagag agaggattag gcccggtgtg gcacctggga 180
gcagctgttg aaaaaggaga gacaatcctc aggcacgatg ccaaaaatga actgtgacct 240
gaaaaagaga agaaaaggaaa attgtgcagg atgctacgtt ttgtttttta aaagtggggg 300
ttgaggcaat aaaatcagga atatttgatt aacgtaatcc agaattgtaa agttgattgc 360
tcgggaggaaa gaaaggactg ggacacagcg gatgggccta cn 402

```

```

<210> 391

```

```

<211> 417
<212> DNA
<213> Homo sapiens

<400> 391
cggtgctgtc gggaggctga agtgggagga tcctttgaac ccaagagttt gaggctgcag 60
caagccatga tcacaccact gcactccagc ctgggtgaca gagtaagacc ctgtctcaaa 120
ctttttttaa aatgaaagaa tccaaccttt ttttactctg acctgcgaga gtgcagaggg 180
tctgggggaa atttgcagaa gcaacaggta ccagccagtg ctgggaaggag ctacacctgg 240
gaggtctcgt cagcctctgt ccttcaatggc tgtcccttgt gtcccatgtg gagagccctt 300
octcccttcc caccatggtaa gcactgagcc caatttcttc tcaccccaca gatggtccct 360
cagagcagag atgtctaagt aaagggtcag attcagatca ctaactttcc atcttcc 417

```

```

<210> 392
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<400> 392
cggcacgagg agacaggact acgcgcctgg agtaggagaa ggaggaaaaa agagaccata 60
gacttgcatc ctggccctaga gcggccctta aagtgccagg gagaggaggg cgggtgggga 120
cactccaga attgcccgct ggcggatatc tggcgacccg gaacccccct cccaagact 180
atgaaagta tgacgactct tatgaagtgt tggatttaac tgagtatgca agaagacacc 240
agtgggtgaa tcgagtgttt ggccacagtt cgggacccat ggtagaaaaa tactcagtag 300
ctaccacgat tgaatgggt ggcgttactg gctggtgtgc aggtattctg ttccagaaaa 360
ttggaaaaact tgcagcaact gcagtaggtg ttggcctttct tcttc 405

```

```

<210> 393
<211> 421
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

```

```

<400> 393
atcgattcga attccggttc tgtgcagca ccattatttg ggtcttttcag ggtggccatc 60
tctgttagaa gacagtagca tgttaacatc actgcattga gtttttgtct ggtgtaaaga 120
atgactttta atgtaaacaa actgcaggtt tttttcaaac taattttaag aatttagtct 180
tatttcgttg taaactgcgg atcctaattat attacattac tctgttcaga tgggatggat 240
actaccactt gtccatgatt ttcatittgaa aagcaaggat ctatatcatt tccccccaga 300
cagcattatt taacactccc cttaactgtg ttgaaacttt ctcttttaac acaaatgtca 360
cgtctttaca gtgtgaatat caccatgttt cccattgctg ataatactta tatgaacccc 420
n 421

```

```

<210> 394
<211> 418
<212> DNA
<213> Homo sapiens

```

```

<400> 394
ggcacgagcc aaacctgggca gctgcaatga ctctaaactg gagttcagga gtttctggga 60
gctgatttga gaagcggcca agagtgtgaa gctggagagg cctgtccggg ggcactgaga 120
actccctctg gaattcttgg ggggtgttgg ggagagactg tgggcctctg aataaaactt 180
gtctccctca ccaccacct gtaccctagc ctgcacctgt ccacatctct gcaaagtcca 240

```


gcttccctcc	ccaggtctct	gtgcactctg	tcttgatgc	tctggggagc	tcattgggtgg	300
aggagtctcc	accagagggg	ggctcagggg	actgggtggg	ccagggatga	atatttgagg	360
gataaaaatt	gtgtaagagc	caaagaattg	gtagttaggg	gagaacagag	aggagctg	418

<210> 395
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 395						
tcgaattccg	ttgctgtcgg	gggtttcctc	atgttgttca	tgctgggtctt	gaactcctga	60
cctcaggtga	tcactctctc	tcagccctcc	aaagtgtctg	gattacaggc	gtgagccgcc	120
acgtccgggt	acaaagtact	tttttatatt	tattttattt	tttggatgga	gtctcactct	180
gtgcgccact	gcactctagt	ctgggtgaca	gagcaagact	ccatctctaaa	aaaaaaaaaa	240
aaaaaatatt	ggtaacctta	gggttttaaa	aaacaacaaa	ttcattttca	ttttggaggg	300
tggaaacccc	aaaataaagc	ccccagaaaa	gccacctctt	ttttgagag	ggagggggcc	360
catggaagg	ttggccctcg	cccttgagcc	cggatgaacc	cccn		404

<210> 396
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 396						
tcgaattccg	ttgctgtcgg	gaggatactt	tctgtctccc	tggctttggg	tttgcacacg	60
tggctgtctc	tggccttgga	atgaagcaga	aacgaaagcc	tgccaggtctc	gagcccaact	120
ctgaagtcgc	cttaagttgt	tcgcgcggcc	cgtgcgcctc	ccacctctac	ccagagggcc	180
ttctctgggt	cagccgtctc	ttcttcagcc	tcgcgccaaa	aggaacggag	ccccctggcc	240
gatcccgagg	cctacagggg	gccacagagc	gcagcggctg	gaccagcgtt	caagcccaag	300
cacagggctg	cgagaacctt	gttccagccg	cgttttatga	tgggtgatta	tgacgcgttg	360
cagtggcggt	agctacacaa	tccagtgcgt	gcaccgcctc	ctt		403

<210> 397
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 397						
cgtgtgtctc	gcacttttag	gattgtttaca	gtcactgttc	aatgtgcctt	cccatagagt	60
tctttcattc	ctttgtctca	caagaaaact	tggcaaaagc	tttaaatata	gaggcccttt	120
tttttttttt	ttttccocaa	aaaaaattct	aatgggtgtc	cccggtctgg	aggggagggc	180
ogaatcttga	gctagtgtct	ccccccgacc	cgaataatga	gggaattgcc	cggcttagca	240
ttcccaagtg	acgggagaaa	gcgggtgtac	ccccccacc	gctggaatga	tcagatcgca	300
tggaactgag	gggtcagagc	gggaagtaag	aggcaaccgg	agcaccattt	tggattacct	360
aggtgctagt	ttttggccag	gaaccggaga	gaatgcggcc	tgcattgacn		410

<210> 398

<211> 420
 <212> DNA
 <213> Homo sapiens

<400> 398
 ggacagagaa tccttaaggg cgagttggca tggatcatct acaaaaattc tgtaagcata 60
 attaaagggtg cagaatttca cgtgtcactg ctttcgattg cacagotatt tgactttgce 120
 aaagatctac aaaaagagat ttatgatgac cttcaggctc tacacacaga tgatcctctc 180
 acttgggatt atgtggcaag gcgagaatta gagattgagt cacagacaga agagcagcct 240
 acaacgaaac aagccaaagc agtggaggtc ggcgcgaagg aggagagggtg ctgtgtctgtg 300
 tatgaagagg cagtgaagac tctgccaaac gagggcatgt ggaagtgtta catcaccttt 360
 tgcttggaaa gatttactaa gaagtcaaat agtgggttcc ttatagggaa gaggttggaa 420

<210> 399
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (400)
 <223> n = A,T,C or G

<400> 399
 cgttctgtc gagaagtctt tcgtcggcgc ctacgcagc ccaacacctg tccaaacact 60
 gcctgtcga gatgaagtct tactacagaa attaagagag gaatcaagag ctgtctttct 120
 acaaaagaaa agcagagaac tggtagataa tgaagaatta cagaacttat ggtttttgct 180
 ggacaaacac cagacaccac ctatgattgg agaggaagcg atgatcaatt acgaaaactt 240
 ttgaaggtt ggtgaaaagg ctggagcaaa gtgcaagcaa tttttcacag caaaagtctt 300
 tgctaaactc cttcatcacg attcatatgg aagaatttcc atcatgcagt tctttaatta 360
 tgtcatgaga aaangttggc ttcataaacg aagaatagga 400

<210> 400
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 400
 ttccgaatac agcccggctt ttggccgaag cggcctacg ctgttataag acgactttaa 60
 tgggtggggg agaattgttag cttttgaagc ttttttatgt agcgtctctc tctttttggt 120
 gataccccag ggggtgctca ctgtattag agaattctta cagtctctag ggtttctgaa 180
 cagatgtttt tctctcctta aatggtgaag tccccccacc tcttggccag gtggaggtgg 240
 atgagtcttg accactggga tcagtgcagg gaagagccca gggaaaattt ctgtgggacat 300
 agagccacat ttacgttttc ttccaggga agaacagatt gtcaggacac tggatcccaa 360
 tgagtgggac gtactaaatt cttagcaagt gcacattaaa attcagggta ggagagaagg 420
 ata 423

<210> 401
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 401
 gcaataaatt gtaaaagaag cattcatatg cttctgttaa atccactgtc tttttttgag 60
 acagaatttc gtacttgttg cgcaggctgg agtgcaatgg caccatcttg gctcacctca 120
 accctcgctc ccagggttca agcgattcta ctgcctcaat ctcttaataa tctcgcatca 180
 gaacactcat gcccgcgcg ccatcctgac tcagttactg tccatctctc cctcagcctc 240

aacatacctg	ctctcccagt	tttaccacc	tcttacccca	ctcatctctt	cccaccacgt	300
cgtaccacag	caacaagaac	ccattctctc	ctgttcatcc	cctcgactta	tccacgacaa	360
ctaatacccc	tgtattcccc					380

<210> 402
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 402						
cgttgctgto	gccttcctca	aagcatgggt	gctgagtacc	cagagttgag	aggagttttt	60
taactgattt	agccagggtg	caatcatgag	tgaatggatg	aagaaaggcc	ccttagaatg	120
gcaagattac	atttacaagg	aggctccagt	gacagccagt	gagaagaatg	agtataaagg	180
atgggtttta	actacagacc	cagtctctgc	caatattgtc	cttgtgaact	tccttgaaga	240
tggcagcatg	tctgtgacgg	gaattatggg	acatgctgtg	cagactgttg	aaactatgaa	300
tgaaggggac	catagagtga	gggagaagct	gatgcatttg	ttcacgctcg	gagactgcaa	360
agcatacagc	ccagaggatc	tggagaagag	aaagaacagc	ct		402

<210> 403
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 403						
ggcacgaggc	tgcttctctg	cttataacca	ttttccttgt	ctcttctggg	ttgggcagga	60
ctgacactcc	gaacctggcg	gaagaagggt	catcttcctc	gcacagtgtg	ggtctcttga	120
gtttcatccg	ggaagcgccg	gcctctttct	caggtctctc	aggctggtct	ctgagcctgc	180
ccccacgaag	tttctggatt	ccaaggaggg	atggtgagcc	ctttgacctc	tgcagacctc	240
ctacttgcca	aaagcagcat	tgaagcagcc	ttttccattt	gtagaaggga	cagggagcca	300
gatccctcta	accctccggc	tttcaggacc	ccagaagtgc	cttccaagct	tcctccaaga	360
tccacatcac	ccacgaacct	gccactgttt	ttgctgtgcc			400

<210> 404
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 404						
ggcacgaggc	ccgctggggc	actgctgctg	ggactgggag	gatctacagc	aggacttcca	60
gaacatccag	gagaccatcc	ggctctaccg	cctgaagctg	gaggagctga	ccaaacttca	120
gaacaattgc	accagctcca	tcacgcccgc	gaagaagcgg	ctccaggagc	tggccctcgc	180
cctgaagaaa	tgcaaacctc	ccctcccagc	agagggcgag	ggggccgcac	aggagctgga	240
gaaccagatg	aaagagcgcc	aaggcctctt	ctttgacatg	gaggcctatt	tgccctaagaa	300
gaatggatgt	tacctgagcc	tggttctggg	gaacgtcaac	gtcacgctcc	tgagcaagca	360
ggctaagttt	gcctacaagg	acgagtatga	gaagttcaan			399

<210> 405
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 405

cgggagcact	ggatccagga	tgccctacgaa	tgtgacaagg	ctgggagtg	ggtcacctgc	180
catgcgcgata	tgcggtgccgt	gattgtgatt	gggattgagg	aggaagatcg	gaagcataacc	240
tgcatggagg	atgctgacag	ttgtgtaacc	cacaatgcc	tggtgtgtgc	acgagccatc	300
tacgcctacg	ccctgcaggt	gttccccagc	aagaagagt	tgtggctg	cgccgcgtac	360
ttctagaaga	accatggcac	tcgggagtc	ctggaagcac	tcctg		405

<210> 413
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 413						
cggttgctgtc	ggggcatcag	ccccctcccg	ggcggagagc	gcttcccgta	cccttctttc	60
cactggggacc	ccatccggga	ccccttgagg	gatccctacc	gagaacttga	cattcacccg	120
agagaccgcc	tgggcaggga	cttctctgta	aggaacgacc	cgctccaccg	gctctcgact	180
ccccggctgt	acgaagccga	ccgctccttc	agggaccggg	agcctcacga	ctacagccac	240
caccaccacc	accaccacc	gctgtctgtg	gacccctggc	gggagcacga	gcggggagcg	300
cacttgagcg	agcgggagcg	cttgccatcg	ctcagagaag	actacgagca	cacgcggctc	360
cactccgtgc	acccccgcctc	cctcgacgga	cacctccccc			400

<210> 414
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 414						
gagaagcaca	cctacacctc	atgggatctt	gaggacatgg	aaaaataccg	catgcagtc	60
atccggagag	agagccgtgc	tcggcataag	gtgaaagggc	ctgtcatgtc	ccaatatgat	120
aacatgaccc	cggcgggtga	ggacgacttg	gggtggatct	atgtcatcca	tctgcgtagt	180
aaatcagatc	ctgggaaaac	tggactcttc	tcagtggcag	aatgaaagga	gagccgccat	240
gcagccaagg	ccatcagtc	cgaggagag	gacgctctct	ataggaggca	tcccaggagca	300
gagatggaca	gagcccacca	tcacggaggc	catggtagca	cgcagccgga	gaagccatcc	360
ctgcctcaga	agcagagcag	cctgaggagg	aagaagctn			399

<210> 415
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 415						
aaaggggtggg	agtgggggcta	cagataaaaa	actatacagt	aagtataatg	tacactgctt	60
gggtgacagg	agcactaaaa	tcttataaatt	cactgctata	taattcacc	atgtaacgaa	120
aaaaacgctt	atccccaca	agctattgaa	aaaaaaaaa	gtatccctta	ggaatacaat	180
tttttttttg	aggtgtgac	gcaggtgacc	tattttttatc	ataaactcaa	aaggggtttg	240
ctaattttta	catatactac	ctaggggcta	atttcacagg	gtagcacaa	gctttaacaa	300
tttcttctgt	caattaaatc	aatttaacaa	taaaactggaa	aatgaaa		348

<210> 416
 <211> 360
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 416
atggcctttgg cctctgagtc ttccaagta gtggcgttgg tgggtctgcc ctccgcaaga      60
catctgctcgt gagtgtgact ctctctcaga tcagcaacag cagtcgttcc ctcccccgaa      120
ctcattctca agccagtcag taagactctc ttcaaaggga gttgtcctgt aagtcctctggc      180
aacgcgattgg tgcagcttag gagtgcctgt atgcgtttta aaacggacag ctggccgggc      240
gcagctggctc acgcctgtta tcccaacact ttgggagggt gaggcgggag gatcacttga      300
gggcaggagt tcaagaccag cctggccaac atagagaaac cctgtctcta cgaaaaaaan      360

<210> 417
<211> 344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

<400> 417
gggaaatttg attattgata aatcatttga tattagttag aaattgttaa ttaagagtga      60
taatgacatt atggttatgt aagaaagtgt ccataattta gagatgctaa tagaaggatg      120
aagaaataaa atgatgtgac ttctgtgttt gcttaaagta ctcttggttaa gaaagaataa      180
ataaaaaaac taaatgaagc atatttgttg aagatcattt gaccataaac acaagagttt      240
atttctgggc tctattttat tccattggtc tattttgtct ttttcatgcc agcactacac      300
tgctttgatt actatggctt tgtaatatgt ttgaaatca ggan                      344

<210> 418
<211> 219
<212> DNA
<213> Homo sapiens

<400> 418
ttccttcaaa ttctgtctat atagtatttt agcaaaccta tgctagtaac attagaaaaa      60
aaataaattt actaaccaaa gactttatga aggtcataca tgaagaaatg ggtgttttag      120
taagaacacag aaatttctta agcttctcat tagatttctt tagatttttag ttcaaatag      180
atttgagtga gtttatttct gatgctgttc tttaccctg

<210> 419
<211> 344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

<400> 419
gatgccttga gagtttctgt tgcacaatc tgtttgtctg tagagaagtg gcatccagag      60
ggcggttaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaagaggag      120
ccttaggtcc tcaggaaagg ggaaggagg ggaatatggc ctccctcca ggtcctcata      180
tttgttcccc ctgttctctg aacggaccca gaggcttgcc ttcagagggt tctaatttac      240

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tctgtattcn	tgtgtggaaa	agcaagaggc	agcatgtcca	gtggactgtg	agactgagca	300
ctctaagacc	agtagggcca	agtcactggt	agccactgg	cacc		344

<210> 420
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 420						
cagtagattg	ggcaataat	gattacgatg	agaggcatga	cagtgaatgg	atgaaacgat	60
tctgtttttg	ttttttttt	ttccccaaa	attgagtcgc	ctcaattttt	ttcaccttta	120
tcacacagact	tcaaaaggctt	aattactgct	tgtagatttt	aggagggttt	aaattttgtcc	180
ccctatgttc	cttgaaacaa	ccgctcttta	aaaaaggggg	aaaaggccgg	ggcggtgtgc	240
tcaaacctga	aatcccaacc	tttggggagg	ttgagtcagg	cggttcacaa	ggcggggaaa	300
ctacaccttt	ttactaacgt	ggttaccctc	gctttactaa	actcccaata	ttg	353

<210> 421
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 421						
cggtgtgtgc	ggatatgatg	ttttattcct	agcctttctt	caacacatgg	attcattctg	60
caaagcaggt	gagagaggag	gcagggtcagg	tccttactag	aaagccttac	ctgacaccag	120
atgctgtaga	gaaacccagt	ttctagaagg	ctgtcattgt	ccacagggtc	ggggagaaact	180
ctttttttct	tgacatcttc	aacctctctc	atttggggaa	ttcacaaattg	tgtaagtctt	240
gggtggaagc	aggatcctgt	ttctgtgtcaa	ggaaaataca	agggtcagata	tgtgtgtctc	300
ctgaacgttg	gtgtgtgaat	cagggttcct	cagagaaaaa	agaaccaata	ggggcttgtg	360
tgtgtgtgca	cggtgtgcacg	n				381

<210> 422
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 422						
ctaatacata	ggataaatat	ttgaggtgat	ggatacccta	tttaccctga	tgtgattatt	60
attcatttga	tgctgtgatg	aaaatatctc	atgaaacccat	aatatataac	cctagtattct	120
accatgggaa	ataaaaaatta	aaaaaataat	aataattaaa	aaaacagtaa	agcagacatt	180
ataggggaagt	tttcaaaaaa	agaaactaaa	ataaggtaaa	ataacaaggg	ctcaactcttc	240
tggttttgtt	cattttatca	cactgtgtgc	taacataaaa	gaaataatag	aacataaatg	300
ggaagaattt	ccatccagaa	ctctatcata	tttacccttt	ttaaattctg	gttaaaaaa	358

<210> 423
 <211> 356
 <212> DNA
 <213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 423
ggaagaaatg catcactagg ggttgattcc caatctgato aactgataat ggggtgagaga 60
gcaggtaaag gccaaagtca ccttagtgga aaggttaaaa accagagcct ggaacccaag 120
atgattgatt tgacaaggtta ttttagtcta gttttatatg aacgggttgta tcagggttaac 180
caactcgatt tgggatgaat cttagggcac caaagactaa gacagtatct ttaagattgc 240
tagggaaaaag ggccctatct gtcaggcctc tgagcccaag ccaagcatcg catccctgtg 300
gatttgcacg tatacatcca gatggcctan agtaactgaa gatccacaaa agaagg 356

<210> 424
<211> 356
<212> DNA
<213> Homo sapiens

<400> 424
tactgtcaatt tgtgcatatg tagttacatt ttcctggaaa gacctctctg tcttttcaaaa 60
tggttatggt ccttgaagac ccaattcaaa attaactttg tgggttgaaa aatttctttg 120
ccattcctta gaaggataaa ttattcctga cataacttaat atttgatatg tattactatt 180
ttatcgctac ctttgatata ttgtgtgtct ttaactcacct cataaagagg ggttttatgc 240
accgctcaat ctaacaacta cttcttaaaa tccgtgtatt aggaacttgt aatttataat 300
aaaggcccggt cgggtcaactg cgtgctttaa actataaaaa tgggggcttt acacag 356

<210> 425
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 425
catttggcag cagtgaactg tctcaggaag gcattttaag gggagctggg attgtcatcc 60
tagggaaatg gcctttttggc agcattgaac tgtctcagga aggcatttta agagggctgg 120
aattgtcaat tgtcactacta gggaaatggc cttgagcgaa taataactat gctagggttt 180
gttcaagtct ctttgtgtgt gtgtgtgtgt gtgtgtgtgt gctgtgtgtg gttgtctctg 240
gggtcagtg ggtgaaactg tgctgaaatt tgcagatcgt ataggccaac ggtgaggcct 300
aaatgaaaag tgtgctcata gaggcccgat gtaagtttgc gcataaaagg g 351

<210> 426
<211> 358
<212> DNA
<213> Homo sapiens

<400> 426
atattctttc cacaattctc cttactggaa tattgagggg agaaaaacaga ttgatgaaa 60
acgtgcaaaag ccagattact taacagttcg ctttcgcaag tctgaacact gaagacagt 120
aggttaattt ccttagagta gaggagaaag taatgtaaac ctggggttct tccctcacc 180
aagatggtgt tatcagggtta aggtgacaga taaatatttt ttggtatgaa taatccaaac 240
aataatcag gcttaagttc ttccgtgaaag aaaaatgttc aatcacttaa agagagaacag 300
tataaggccg gacgtggttg ctgacgcctg taatcccagc accttgggag gcogaaga 358

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<210> 427
<211> 345
<212> DNA
<213> Homo sapiens

<400> 427
tggaagaaga agaattgtct tgggccacac ataaaaataga ctaacagtag ctgtagagct 60
ataaaaaaaa aaaaaaaagg ggctggccat atttttcagg attccccct tcccaataaa 120
ccaaaaaagg cctcccttta aaggggctga acatgggtgt taactgcccc caccagtagc 180
cataaaaccc atggggccttt gaaattttta ttttattttt tatctgataa agttaaatt 240
ttagttttctt gcccgggccc ggggggtccc ccttattccc caccactctt gggaggcccc 300
agctctgggt ggtccccgag ctaataaat atactctctt cttcg 345

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<210> 428
<211> 321
<212> DNA
<213> Homo sapiens

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<400> 428
tgtcggaatg cttcacattt tccataaatc aaaagggaaa aaaaagtgtg gagtgaattg 60
tcattaaaca ggacatttta gaaatgcaga acctggactt ttgattgcac accatagata 120
aaaatgcagg aaacatagat ttccaaactc tggcaccatc attttgtatc tttggggcta 180
taacttgccc tgggaagaac tatttcattt ctaacaatt ctaactcttc ttctgaggaa 240
tccagttac tactgagaat gagtccaata acttctctca atgttaagtc agttagtccag 300
ccagaatcag aaatattctt a 321

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<210> 429
<211> 344
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)... (344)
<223> n = A,T,C or G

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<400> 429
attttaagat aaccttgaaa agaattggaaa tggtagcatca tttgaaaggt agtggggaaa 60
gtaagaaggt gtggaacagg aaaaaaaacc aagaacttaa gaagtaaaag caggtagaat 120
taaaaaaaag aaagactata aaaagaagg gaaaaaaaaa catagaaaaa aaatcgaaac 180
acatcagtag ccagaataaa ggcaaacagt cactactgcc agttaaaaaga cagattctag 240
gccaaagcgt ggggtctcac cctgtaatcc caacactttg ggaggccaa gtagatgggt 300
cacctgaggt caggagtttg agacctgcct ggccaacatg gtgn 344

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<210> 430
<211> 369
<212> DNA
<213> Homo sapiens

```

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<400> 430
ttcaggactg tgagaaataa atgcttttta gttataagcc acccaattta tgtgttttgt 60
tataagatcc cccaatggac tcagacaatt tggctggcca gttctggctc tgggtctccc 120
atgaggctgc catcgtacat cagccagggc tgcagtcatc tcaaggcctc actgggggca 180
tcttgaggcg tggataccac aagtaacctac catgagctag gtggtgtaca agtaatatat 240
agcaacaaca atcataatgt acaattggaa gttatttcatt gtttactatg tgtccagatg 300
ttaagtactt tccctgagtt acctccttta tcttcataaa aacctctcaa atttggtctg 360

```

ggatcatc

369

<210> 431
<211> 360
<212> DNA
<213> Homo sapiens

<400> 431
aggggcttcc cagacctgtg actgactgaa cactgtgtg tcatcacgc aaagaccaat 60
aaggcttgca ggaaaaactt gttgaattct ctttgaccta aagtcacca cattcattta 120
actgtgaagc tcttttcctc coactgcgta gcatccatg gatctatcat tctttaaata 180
cggatgggga aattctggtg tagataccat ttgtaattag atagagcttc ttaacctctt 240
tggacaatac gccttttgag aaaaggatgg tcggaaggga ttgtgcacaa ttctgtgtgc 300
ttcgaagccc accgaagacc gcctccatg atcagggaaa gcaaaagaag gaacaaaaaa 360

<210> 432
<211> 355
<212> DNA
<213> Homo sapiens

<400> 432
gctgagtgca cagagtaaga ctccgtctca aaaaaataat taaaaaaaat tttttaatct 60
acataacact gatatataga aaaaatgacc atgctgaaac actgtggatt ttagaagcaa 120
tggtgctgtg atagcccaca atgattgtca gttcacatgc aagagtcaca atgcaacctg 180
aggatttaata tgcataaaac cgcagttggt ctaaaagttac aagttactta catgcacata 240
cataatgtac acctacacgc agttttttta aagacagaag aaatgtcaat agtaaaccaat 300
gtcaacagca cactgtataa gtgtggaatt atggttttct ttttagtttt ctata 355

<210> 433
<211> 392
<212> DNA
<213> Homo sapiens

<400> 433
cgttgctgtc ggcaggctaa tgtttcatat gcatgtattt tttttttatt taaagttatt 60
tttcatatgc agtggaatgt gccttcatct gtcaacatta acccattgg acttgcaggg 120
cactccctta aaaggaactg tgccttaggg gattaggcaa ctaaacggga cctcttgaat 180
taactcttca ctgtgctctt tgaggaatg ctgattggtt actgctaaag attccactaa 240
caattcaaat tggggatcct tgttcccatg gcatgaaat gccatgccc gcatgcacaaa 300
atgctgaggg tctgaaagac agattgtttt gtggaagta aagagctctg gctcggaaaga 360
agctgtttcc cttaagcgtg ttcgggtgtg at 392

<210> 434
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 434
tcagcctccc aagtagctgg gatcacaggt tatctctagg atagcttcta acccaacatt 60
aagcactaaa ataaatattt cttccctttg cagtctctcc tagggcagc caagatggaa 120
tggggggttg tcagaggaaa aaggggcaga gagtactctg cctcatcag ttccaatgt 180
tggggctcct caaggtcag acctaggccc tcttctcttt cctctctaca ctcttttct 240

agaagtcacc	tcatctgttg	ccatgggttt	gggtaccata	gttatacact	ggtaactcca	300
aatccacat	ctccagccca	taactctcct	ctgaatgcc	aattctccac	ttggn	355

<210> 435

<211> 308

<212> DNA

<213> Homo sapiens

<400> 435						
ggtctcgacc	tcccgacctc	aggatgacca	ccgcctcgg	cctcccaag	tgctgggatt	60
ataggtgtgg	gccaccatgc	ctggccaacg	caaggttaac	ttttaacgtg	gaatagaaaa	120
aataattttg	ttaaatccct	gggatggaaa	taacatagcg	acaaaagag	tacatctttc	180
tctcacatgg	caaaagtttt	ttcttgatgc	tacagtataa	aagtataaag	cacggtttca	240
gtcttcacc	agatgtttta	ccccaatccc	cactgttgtt	tttcacaaag	cttttgggat	300
cactcgtt						308

<210> 436

<211> 373

<212> DNA

<213> Homo sapiens

<400> 436						
cgtctcgtgc	gatttgaaaa	gggtgtgggt	tagttgggtc	gtaattaagt	tgacagattta	60
aaactcgtgc	tagctttgtg	aatcaaaaata	taggtgtttt	ttgtcctcgt	atatcgtcat	120
tcacagtcga	gatggaatcc	cattgatctt	ctagctacca	ttcattttct	tcactgtttca	180
caaaagaaga	gtgtgaaatt	cagtgaatgc	tgttactaat	cctgttacga	gatgaatctc	240
atttcaccaa	aattaaaata	tggtttttccg	ctaaaaatgat	gatacaagtt	gaagacacat	300
cactctgaaa	ttggaagacc	tcaccactta	aggctccaca	gtggcttact	cagctgaact	360
ctaggttact	act					373

<210> 437

<211> 355

<212> DNA

<213> Homo sapiens

<400> 437						
ttctttttag	gtgtattata	atcatttgct	tacatcagtt	tcctttacaa	aattttaggac	60
agaaatctag	tctgattcat	tctgatacta	ctagagcata	gtagaaagta	gaatcttatt	120
aaactctcgt	tgatttgatt	aaaagggtac	ataacgaagt	gaaggcgagaa	ataaagatgt	180
ttctttgaaac	caatgagaac	aaagacacaa	cataccagaa	ttctctggag	acattcaaaag	240
cagtggttag	aggaataatt	atagcactaa	atgcccacaa	gagaaagcag	gaaagatcca	300
aaattgacac	cctaacttca	caattaaaag	aactagaaaa	gcaagagcaa	acaca	355

<210> 438

<211> 351

<212> DNA

<213> Homo sapiens

<400> 438						
tagaatttta	ttctatctaa	ttcgtttata	ctccagagt	tcgaaattac	atttttaccta	60
caataaatga	gataacactt	gcaaatata	tggtactctg	cctaaccacac	gttaataaact	120
caatacatgt	tagcaataaa	cttttagtat	agtagtcaaa	gtattaattt	ctcacattgc	180
aaagtctctt	caaagacatg	aatacaacct	ttctaagtac	tccttggtta	tcaagataacc	240
ttctcaaat	attctattta	cttcattcag	tatatattct	gtgtataccg	atatgatatt	300
acactctttt	ttttttttga	aagggaatct	aattctgtaa	cggaggcggg	g	351

<210> 439

<211> 348
 <212> DNA
 <213> Homo sapiens

<400> 439
 acatttgcca cagggttggg agtccttctt tcttggctt gacactaaca cggctcttat 60
 actcgacctt tgtccctctt gtcttttttc tctctctttt ttttaactaa tggagacaca 120
 ggcattaggtt aaaatcagag atatcttctt caggttttca gagcaaacac tgtgttccag 180
 cccacagcat acaatagtat atgcagaatt tagacactat ctccccaaac taaagagtga 240
 acacctttca gtactttcta gaacaactct agaaagaaat atatagaaac agcaaccaag 300
 tatttagcag tttttctaata ttgtaagacc ctttgggaaa aaaagaaa 348

<210> 440
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 440
 gagatttggtt acggatttta gacatcttct aagtaactcc acagaagact ctcaaaaaaa 60
 aagcgttgacc tcaacctgct tataggtgcc ctagtggaga atgcttgata ccaggtgaca 120
 acccccacgc gccccaatag tgcaagaaca aagtggaggc cagagaaggg gctggtagtt 180
 tctcttagt tctcagaagg cttatctgat gatccactca cctctcttc caecttaagg 240
 gaagaatgga agataataag caaaacttct agaagagca attagccctt caacttctaa 300
 tatccagggt ngtcagttcc cagttagaga ggtaagtggt caatggtaag ctgtgccaca 360
 caccaggtag 370

<210> 441
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 441
 ttcttttttt ctgaggttct gaaacaaaaa caaacgtag gctctgcaac agctgaagga 60
 gcttttgaat tctttctgaa gaggaaattg actttaccta accaatgcac ttctgtgta 120
 tgctatatcc gctaaagagc aagacaggac ctacagagca cagtgtctca ctgcagaatt 180
 tctcttgggc cattcgaat gtattacagc gttctgacac aaggtcttca cttattctgg 240
 tatctgtaat atgtatacaa agcaactgag ggtcctgtta aaaatacaga ttgggcggg 300
 tgcggtggct catgcctgta atcccagcac cttgggaggc tgaggcgggc agatcacaag 360
 gtc 363

<210> 442
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 442
 attgcaccac tgcactccag cctgggtgac agagcaagac tgtctaaaaa caacaacaac 60

aacaacaaca	aaaaaacat	aaaagaaaga	aaaagagaga	gaaaggaagc	aaggaaggaa	120
ggaagatata	aaaaagaaaa	agaaagaaag	aaaagaaaag	gaaagaaaag	aaagaaggaa	180
agagaaagaa	agaaagaaag	agaaatcgat	cgaagaaaag	aaacaaaaaa	agaaagaaaag	240
aaatccatct	agtagctctg	tggtggggga	ttaaagagac	aaatactggt	ggctggggagc	300
ccagtgggga	agctgtgggg	aggaagtaag	tacattggga	tgctcagaga	ctacn	355

<210> 443

<211> 367

<212> DNA

<213> Homo sapiens

<400> 443

tacagggaaa	gggaattcca	aaccaagtcg	acagcacaaa	caaataaatg	aagacctaaa	60
gcattgaatc	tttcatggac	acttctagcg	ctaaatccct	tgactttata	aatgtcatgg	120
taaattgcat	aatgcatatc	atcatgccaa	aattcatatt	ttataatgac	atatgttaga	180
tctccttact	gtgggttcac	ctgaggcaat	cttctgaaat	tttctttaaa	aaaaatgaaga	240
gttgctctgg	cgcggtggct	cacgctctga	atccagcac	tttgggagcg	cgaggtgggt	300
ggatcacctg	aggtcaggag	ttcaagaaca	gcctgggaaa	catggtgaaa	cctgtcttt	360
acaaaaa						367

<210> 444

<211> 356

<212> DNA

<213> Homo sapiens

<400> 444

ggatcaaatc	cattgcagga	atgaaggatt	tatttttttt	tcagtgtctg	aagtactgcc	60
aaacaaatac	cctcagctct	cagtcctcct	gtggattgcc	cctgctaata	aaagccacca	120
gagcctgatt	tatgcctctt	cctgaggtgg	cctgtttcca	atgacagacc	actgtgggag	180
tatgaaggcc	taaccagctc	atctaatttg	gggagagctc	taaagaataa	ggttattttc	240
agctccagag	tctcatgaca	ctcacaacta	catcatagct	catcatcttc	tgaccaaaaa	300
gccttctcca	tttctctgct	atgctattgc	tccaaagagc	atttcctaata	aaacct	356

<210> 445

<211> 354

<212> DNA

<213> Homo sapiens

<400> 445

caccatcata	tatgcatttt	gttgttgacc	gaaacgtcgt	tatatattct	ttccatacat	60
agcatgtgga	aagaatagat	ctcttttttt	taattgttcc	acactttacc	atataatgga	120
atcgcacaaa	tttcaacaata	cttttcagga	tgtaaaaatac	atataccctt	tgacgacatt	180
agaaaagaga	aaatgtgggc	cgggcgoggt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggccgaggg	gggaggatca	cgaggtcagg	agatcgagac	catcctgggt	aaacgggtga	300
aaccccgctc	ctactaaaaa	tacaaaaaac	tagctgggcg	tggtggcggg	cacc	354

<210> 446

<211> 183

<212> DNA

<213> Homo sapiens

<400> 446

tggtttccgc	tgtgagaaca	cgacagatgg	gttcgggtgc	catatgacga	tagacaggta	60
ctcgctgga	tttcaactgac	tgattgtctc	cgctcccata	attttcttaa	ttgttactgg	120
tggtgagtct	ctccctgtct	tgcttttttg	tttgaatgt	cttgacagtg	cccgcatccc	180
tcc						183

<210> 447
 <211> 351
 <212> DNA
 <213> Homo sapiens

 <400> 447
 tcagcataac acccttagatg atcttgcgt gaagatgaag gagatcacag acaacatctt 60
 gccagggtct gagtttttaac gctggcgctt tagataacct gttgggctac aaaaacatgt 120
 caggcaagat gttaagtttt gtttaaaaga tcaagaattc caggcccgcc gcggtggctc 180
 acgactgtaa tcccagcact ttgggagggc taggcgggag gatcacgagg tcaagaggct 240
 gagaccatct tggttaacac ggtgaacccc cgtctgtact aaatatacaa aaaatttgcc 300
 ggcgtggta gcgggcgcct gttgtccag ctactggga ggctgacga g 351

 <210> 448
 <211> 347
 <212> DNA
 <213> Homo sapiens

 <400> 448
 tataaatagt tatcaaatc tcacagtatt tcaggtagct ttttaagtcc ttggaaatt 60
 ttctataact aaaaatttaca ataacttttc gagatagcaa ctatgattat tccaactttt 120
 aaaaatttga agtttagaga ggataaacaa ttgccatagg ccaggtagct actaagttaac 180
 agttccaaga ttcaaacata cagcttgact ccagagtcta tgcttttaac caataactaa 240
 aactgctctg atgtagattc tgatgggata tttagctatt tctcctcaga attgtatatg 300
 tgggaatagt atctgaaaaa ctggattccc tttatatgta aggaaaa 347

 <210> 449
 <211> 346
 <212> DNA
 <213> Homo sapiens

 <400> 449
 ttccagttcc tgcttcataa cagatgctca acagatgttt attgattatg aaaaggatcc 60
 ctgaaaagct ttctcctgga attagactct cagccctaga atagagcaag cctgcagaaa 120
 cgagaactgg aggccttgaat gtccctcata actgggttga agagaaacca tttctcctga 180
 atcttttttt tttttttttt ttttgaaaaa ggaatttttt ttggggggccc ggggggggaa 240
 cccagggctc gctcgagagg tgcggaaacc ctgggtcgaa aagaccacc aaagacgccc 300
 cgcaacacct cttttttctg gggaaaaaag ggggctgcc ccccc 346

 <210> 450
 <211> 350
 <212> DNA
 <213> Homo sapiens

 <400> 450
 catagaaatc caccattcac gtaagttttg gcctgggtgtt attgcagtct cttaatttag 60
 ccaacaaaga aggttggctc aaagacacct gtttttgcac gtaaaagtac aggcctggaag 120
 gcttggctcg gcatgggttt agcaacagga ctttcatttg tgatagtcca gtcacgtccct 180
 ggggaattga ggagaagatc caccctacca aaggccagtc ttgcttttag accaaagaat 240
 taattttaaa agttagagtt ggccgggcat ggtgctcac atctgtaate ccagcacttt 300
 gggagaccga ggtgggcaga tcacctgagg ttaggagttt gagaccagcc 350

 <210> 451
 <211> 369
 <212> DNA
 <213> Homo sapiens

```

<400> 451
ggattattga gaacaacaga attcaaaacc cttgaaaaag aaaatgatgt gtatctatat 60
tttaagcaga aatacacaaa cacacttata gtaactacaa ataacatcta gtatgctcaga 120
cctattgccca tttattttcat gttcaatatt gtacagacaa catactatga aaagtgtatgt 180
accatattta tacgtataca ggtgaatttc aatccaacac taagataatt accttatgtt 240
gtagaacatt atataaatatc tttttgtccc tgctctaacc attgcttatc aagactttaa 300
gattatgaat gaatgggtcat acttattata tatagaaact attattttgat gaaggggtact 360
tgcatctcct
369

```

```

<210> 452
<211> 357
<212> DNA
<213> Homo sapiens

```

```

<400> 452
agaatagcct tcaccccaaa atttgcttgg aaatagttag atcatttgat ttaattttca 60
cttttataaa ataagtgttag gaactcctaaa attgattact tcatttga aa cacaatttca 120
gtaggacgta atgcatga aa taatttaatt ttgacatgt acatcgaaac ataattttaa 180
aacaaggctc gaccagggtg agtgccctcat gcctgtaatt ccagcacttt gggaggccaa 240
agtgggtgga tcacctgagg tcaggagttt gagaccagcc tggccaacat ggtgagaccc 300
catctctaca aaaaatacaa aaattagcct ggtgtggttg tgcacacctg taactcct 357

```

```

<210> 453
<211> 264
<212> DNA
<213> Homo sapiens

```

```

<400> 453
gtgtgttagt atcatctgta gttgttcaaa cgtctctgta agcttatgct cttgttcatg 60
tcccattttt gagggtgtgcc tacatgatgc tggcaacaga taagacatgt agttttaata 120
aatcactaac ctttatattc tgcttatatt taaattataa attccatctg tgtaaaatgt 180
ttctctcttc ttgcatctta ctaaaagcag ttaaaagaaa ccattctgag gctgggacag 240
gtgggtcatg cctgtaatcc cagc
264

```

```

<210> 454
<211> 352
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

```

```

<400> 454
tggctctttg gttttgttgg tgttcatttc acagcanatc agtgagcgtg tccttactgc 60
ctggcccccag ttcaagtcct ggtgttagtg cttcggtctt gaagtcaagt gacctggggg 120
caagactctg ccttgccact ggggtgctga gtggccttgg gcaagctatt tgcataactt 180
tctgtttctg catgtataca aagtgaataa gactgattcc tttcctttgg aagggtgttg 240
aaggtcaggg ctggccactg attcttataa ttctttttac taaaagcaga ccgaaaagtt 300
taggatcgct ttggggccac tcctcttgaa ttcaagcctt gccccctttt cc 352

```

```

<210> 455
<211> 350
<212> DNA
<213> Homo sapiens

```



```

<400> 455
tacctccagg catgtggaca tgatggctag agctacagtc acattttttt ttttaatacca      60
tgaggcaagt ctttggatga aagttagggg ttaagtaagg agaaaacagaa gaatcataggt      120
cacctgggcc actgttgtta ctacagagct tctgcaccag ctctacctaa gaagaatatct      180
tcttctaat cttagtata ttaggaaaaa gaactctcta ttgttttaag ccattttttt      240
tcttagactc tcttataagc agcaaaaaaa agtcccaatg tgggtggccc ttcccatagc      300
ctctgaattg aaagaaattg gttagaaggc agaagtggtat atagatgaat      350

```

```

<210> 456
<211> 380
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

```

```

<400> 456
cggtgctgtc gggattatta tgtttggaag attattattt ttgaaagaca acttttctgt      60
tgccaaactg tcttctaaag aggttgttca catttctagt ctactaacia tttatgaaaa      120
tgccacactt ccattggggg atattaaaga ctttgcttga aatgatagaa ctctatttgg      180
tagtggtcta agtaagtttg agttggtaaa tcaggggtca gattatggaa aaacttacct      240
gttgagaaat cagctattct cttggtgagt ttcttcttct ttgacagat taacaaacttt      300
ccagcaggcc aaatgagaat tattggtctag ctttgtggag ctgtgaggga accctcttan      360
aagatttctc attctctctn                                     380

```

```

<210> 457
<211> 395
<212> DNA
<213> Homo sapiens

```

```

<400> 457
cgttgctgtc gatttttgaa ttttttctga gagacagggt ttgtctatgt ttctcaggct      60
ggctcaaaaa ttccagagct caggtgatct gctcacccta gcctcccaaa gtgctgggat      120
tacagggtgt agctaccgca tccagccctg aatattcttt cagaggtagg gttttgtgtg      180
ttttgttttt agttcaagca gtttgactac atcctaaggt ataaaggtac taataacaaa      240
gtcagttttt cttttgtgca tttttcttta ttttagagcc ttcagggaaa ttttttttta      300
gaaagatcaa gagaaggcca ggctggtag cttacgcctg taatcccagc actttgggtg      360
gccgaggtgg acagatcacc tgaggtcacg agttg                                     395

```

```

<210> 458
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<400> 458
cggggttggg gttgcgata ccaactgctg tatgctgtgt aaaaacagcc ttgtttgagt      60
agattgcgag gctatcgcta tattgacttc cctcttcagc tgcgttattg aggatcacaa      120
cttattttgc cagcaactca cgctatggga gtgctctaaag atagtaacat      180
taaaaggagc atataatata accaaaaaatt tgagttccag ataaagtttg tgtctcacta      240
gcagatgacg gtaaatataa tcaatttaatt tttttgaaat ctttaatttc tgttctcgaa      300
aataaaaagc aatctgtctc ttgtccaaaa gactatgtag ggtttttaaa aattttt      356

```

```

<210> 459
<211> 393
<212> DNA

```

<213> Homo sapiens

<400> 459

cggttgctgctc	gggtggcgggc	gccggtagtc	ccagctactg	ggaggctgag	gcaggagcat	60
cgcttgaacc	cgggaggcgg	agggtgcagt	gaaccaagat	cgcgctactg	cactccagcc	120
tggcgacaga	gggagactcc	gtctcaaaaa	aaagccgggc	agaattaatg	attttgaagc	180
tccgagaac	aggattaat	tctctttca	aaccgaaatc	ggaatttgat	tttttaaaag	240
tgtaaaatac	cataaacttt	taaggttagt	tgttcggtaa	ccatgtcacc	aattttaagg	300
cactttctga	gttggtgata	gtttctccag	agccctaggg	gaaattgttt	gcaaaaatatg	360
cacgttttagc	tttccaaaa	aagttgtctt	ttt			393

<210> 460

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 460

cgggaaggaa	gattacctgc	tgtcaaatga	gaaaattaca	attaaacat	tgatatttcc	60
gtgagaagag	aaaactagta	accgtgaaga	agtgaaggaa	aacaaatgat	gacgtcatgt	120
taacaatagg	aaagacatgt	ccttttga	aagatgctgt	cacccatcac	agactatttc	180
ttccaatatg	gatttgcaaa	acatgacagt	cgagctcacc	aaatctctcg	tggttgccgt	240
ggggcaggcc	gaggtggccc	acacctgtaa	tccagtgact	ttgagaggcc	aaggaggagg	300
gattgcttga	gccaggagg	tcaaggctgt	aatgagccat	gatcan		346

<210> 461

<211> 353

<212> DNA

<213> Homo sapiens

<400> 461

ccatgtgagc	tgaagcccca	ccctgcttgc	gctctccctc	tgtaggctgc	acccactgtc	60
caaccagtcg	caaagagatg	taccagggtac	cttagtgga	aatcactcgt	cttctgcgtc	120
aatcagctagc	ggagctgcag	accagagctg	ttcctattca	gccatcttgg	aacagacctc	180
ccatggtagc	atctttaaac	tgaaatatgt	gacagagagt	ttccattgct	gtgatatttt	240
gcttaattat	tatctttata	gcaggatata	tagttgacaa	aaaggaagca	tgaaggtttt	300
accatcactg	agtcgtgatg	gccttttttg	gggtctagta	atgcagtttt	aaa	353

<210> 462

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 462

gagtagcagc	agtgacttaa	cagatttttt	tttcattgct	gctgcttctt	aatccctttt	60
gagcctcaat	ttctttttgt	ataaaagggg	aacaataacg	attttgtaga	gatgaggtat	120
gcgaagcttc	tggtgcagtg	gagcactcag	taataagagc	tattttatgt	gccaggattc	180
caactacttt	cataaaaaa	gcaggaaagt	caaatggaaa	gctgacttga	tggtaggggg	240

ggcttctgco	cacooactag	ttccacgttt	ctcaaccctg	cactgaatgt	taaaatcacc	300
tgggggaactt	ctgaaaaaatt	atgatgtctg	gtcccaaccc	catggan		347

<210> 463
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 463						
cgggtgactc	aatgtattca	caggcttcaa	aaatatgtct	taagaaaaaa	atgggggaaa	60
aggaacagtt	tttcatttca	aaagaattcc	agccaatgaa	tgtaaaagga	aagggggaaa	120
tacagtatca	ccattaggca	aaacaccacg	taataattat	tgctgataag	atccactaat	180
ggatgctaag	attaatgggc	aaaagttgag	gagaaataag	atatgtgccg	aagcctcaaa	240
ggatctcccc	tcaagatatt	tattaatata	agccgtgccc	ggatggctac	gcctgtaata	300
ccagcacttt	gggagggcga	ggcggggcga	tcacgaggtc	aggagatcga	gaccatccc	359

<210> 464
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 464						
ttccttcaaa	ttctgtctat	atagtatttt	agcaaaccta	tgctagtaac	attagaaaaa	60
aaataaattt	actaaccaaa	gactttatga	aggtcataca	tgaagaaatg	gggtttttag	120
taagaacacg	aaatttctta	agcttctcat	tagattttct	tagatttttag	ttcaaaatag	180
atttgagtga	gtttattttt	gatgcgttgc	tttaccctga	ttacn		225

<210> 465
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 465						
caattctgca	cgagcctagc	tacagggtttt	aggtatgata	aagacttggg	taccacaaat	60
agctgaccag	aaaccataat	tgggcggagg	caagcatcag	ctgaccaagc	atttttccaa	120
ccaccacagt	gattcagctg	cttctctctc	tgctctctct	atggcaaaag	tggaccacaa	180
acagctagga	catcaagctt	taaaacccaa	gcaaccttgg	cacctcacac	aatggccacg	240
tatgaacctc	acctggatcc	acaccactcc	aatttgcac	ccccctctca	gctccccagg	300
tactatctcc	tttagccatg	gaacctttaa	cactggaaac	ggcattggcg	tattcttttc	360
ctccgcatgg	agtgaacccc	ttctcccaat	ctgcctcc			397

<210> 466
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 466						
tagataagta	ttgggtcaact	ttgatgaatc	accataaacc	ttaaaactaat	aagtcaaaaac	60
ctctttatca	tttgacaaag	caccattaga	tgatctttag	gtccacacaa	ggttgataat	120
cactggccta	gatgatacag	caataggtaa	aactagggtg	acagcagtg	aaatggtagg	180
ggataactac	caagaaactg	ttttcagtaa	gaactaaaag	gcattacaga	ttgatgaaat	240
gtaagaatat	gaagacacaa	agtcaaagat	ttaaatcttg	attactgaaa	aacctcagat	300

actattataaa gattaagaag tcaggaggag cttaaaaaacc tagagaa 347

<210> 467
<211> 366
<212> DNA
<213> Homo sapiens

<400> 467
agggcaagac tatacagact ttaactttga attcccccac attagtacag ggttttagtac 60
agagaaagga cttgatacat ttttatacac ttttgaagaa taaattgata tttatttagt 120
actcagtgct agccaagcac ttaaacactt tacattcatt accccatggc atccctcacag 180
cctcttgagg tagaaagact caactgaaggt tcagtaaaagt ggggaggaag gcacgacttg 240
aactcaggtc tgtctgactc cagatgtcct agaaaggtag aatctttcac ttggaagaca 300
gtatgggttaa gatcatgttc tccgggcccgg gcacagtggc tcacacctgt aatcccagca 360
ctttgg 366

<210> 468
<211> 346
<212> DNA
<213> Homo sapiens

<400> 468
tacctgtgcc caagcagaca tctcccccac tttgtgtatt tacacccttc ctgctgcag 60
aaaggatgaa acaggattac cctcaaatTT acagctataa taaactatt attaaaaatcc 120
aggttaaaaaa acaagagcac tgcaaaagag agcgtgtgtg tgtgtgtgtg tgtgtgtgtg 180
tgtgtgtgtg tgccgctgta taaaaattct gtacacacaca cctgggctgg ggcagcttct 240
ctgggatccc tgaatcacag agtgctagca ccagaggggc ttccagagat aaacacgctt 300
cacctgtttt tatataggag tgacacagat taagagattt ggcagg 346

<210> 469
<211> 189
<212> DNA
<213> Homo sapiens

<400> 469
ataatcagtggt attttttggg acttgccgtg ttctgttaat atcggagtggt taaagaacat 60
ctctcagtagta tttgtgtttg tcattgaact atttttagta cattcatgtc tgaagagtga 120
tgtgacttga gaactaagct tcttctctgct ttacattcat catttttcca gaagccacgt 180
agtgtgcca 189

<210> 470
<211> 348
<212> DNA
<213> Homo sapiens

<400> 470
gggaaatttg attattgata aatcatttga tattagttag aaattgttaa ttaagagtga 60
taatgacatt atgggttatgt aagaagagtg ccatatttta gagatgctaa tagaaggatg 120
aagaaataaaa atgatgtgac tttgtgtttt gcttaagtta ctttggttaa gaaagaataa 180
ataaaaaaac taaatgaagc atatttggtg aagatcattt gaccataac acaagagttt 240
atttctgggc tctattttat tccatttggtc tatttgtctg ttttcatgcc agcactaacac 300
tggtttgatt actatggcct tgtaatatgt tttgaaatca ggaagtgt 348

<210> 471
<211> 187
<212> DNA
<213> Homo sapiens

<400> 471
 atatacgtgt attttttggg acttgctgt ttctgttaat atcggagtgt taaagaacat 60
 ctctgagtaa tttggtttgg tcattgaact attttttagta cattcatgtc tgaaagagtga 120
 tgtgacttga gaactaagct tcttctctgct ttacattcat catttttcca gaagccacgt 180
 agtggggc 187

<210> 472
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 472
 agtgggaacga tatcttcaga acgctgagag cgaagaattc tcaacctaga agtattccag 60
 agagcgtacc atgaggaaac agcagataaaa taaagacaat ttgtagataa acaaaaactg 120
 cagcatttat taccaaggga ctaaagtaat gtctaaagaa tctatttcag gaaggaggat 180
 aacatgg 188

<210> 473
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 473
 ggcacgagct ggggaggagc caaagccttg gcgctcacct aagccgcagg gagatacacc 60
 caactggggag atgaggaaac agcaaccac agaggagaac taaccacac aggatcattt 120
 cgtgaaggag caaggctgaa gaaccagacc tggactttct taggcaagta aattctgatt 180
 atatcacgga gacttgcttt gagaaatctg ccccttttca ctgtgagatg gcgtcattaa 240
 cacatctagt tctctcctaa gcagccagca aacatttatt atacacatga tatttatattg 300
 gcatttgaga tgatacaaag gaataaaaatg gggcaattag ctctagtaat ttggaggctct 360
 caacttacgg atattccaag ttctcttgaa acg 393

<210> 474
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 474
 tgtgtctaag gaactgaatg tttaatgtga cttaattttc attgacttat aagcaacaat 60
 gccacctgaa cttagcattt tcttatatcc tcagccatt tttactttag caccctagca 120
 aacattcaga agtgacatgg tcattttctt ccttctgga tggagcgttg gctctcttta 180
 tgttcattaa gatctttgaa agcaataaga agatataatt agccgggcat ggtggctcac 240
 gcctgtaatc tcagcacttt gggaggccaa ggagggtgga tcacctgagg tcaggagttc 300
 aagaccagct tggccaacat ggtgaaaccc catctctact aacaatgcaa aaaattagcc 360
 gggcctggg 369

<210> 475
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 475

tctccatctc	aaaaaataaa	taaaataataa	aggtagggggt	ttcttaattc	tttttagacag	60
atatctccac	attaatctgt	aaaggacaaa	aaaataagac	tttaaactct	taatttgaaa	120
agatatctcc	atttaaatct	ccttttgctta	ttttattgac	cacotccttt	gcggatttca	180
tttctcatcc	ttgatttaga	aaaagggttaa	gggcgggtcg	tggaggctca	tgctcagaat	240
cccagcacct	tgagaggctg	acgcagggtg	atcatgacgt	cacgagatca	ngaccatcct	300
ggtcaacaca	gtgaaccccc	atctctacta	aaaatacaaa	aaattagccg	cgcgtgtg	358

<210> 476

<211> 365

<212> DNA

<213> Homo sapiens

<400> 476

ttagcctttt	gtatgctttt	actggataat	tttctctaag	gtagaggggtg	aggagctata	60
tattatgtaa	cattttagaa	atagcagaaa	accattttagg	gggaagaaca	cacaccaaaa	120
ctaccgata	actcttttcc	tgattaaaa	tatcttccaa	caattcaatt	atatgtaaag	180
agggaaacct	ggctacacac	gtatttatta	actgtttctg	gcggctccaga	ggaagctgga	240
ttatttttac	cataacaaaa	tcaagttttt	ttcagccggg	cgcggtggct	caagcctgta	300
atccgcagac	tttgggaggc	cgaggcaggc	ggatcacgag	gtcaggagat	ggagaccatc	360
ctgggt						365

<210> 477

<211> 366

<212> DNA

<213> Homo sapiens

<400> 477

gcgctctgtg	gctgggcatt	ttaaacctga	cctttctggc	tctgagtttt	tccatttttaa	60
acctgacctt	tctggatcca	ggcgaaggca	gagacaagat	aaaataggat	tattggatgg	120
cagaatgtat	tcaactattt	ctcctgaaac	ttggaacctg	attataccat	gggggatacc	180
acactgcagg	aaacgggtga	taaatgtgag	ttcaatatata	ctcctccaca	aatatacatg	240
tctcatgctg	ggcgcatctg	ctcacgcctg	taatcacagc	actttggggg	gccaaagccg	300
gcccatgact	tgaagtcaag	agtgtgtgac	cagcctgacc	aacatggtga	aaccctatgt	360
ttactc						366

<210> 478

<211> 367

<212> DNA

<213> Homo sapiens

<400> 478

ggatcaatcc	aacaaagtgt	tctgttttaga	aaatacaaaa	aaaaactata	aatctctataa	60
gaaaaaaggc	cgtgtcctct	gaactatgcc	acagatatag	aattgtagaaa	gattgtataa	120
tcattacatg	tttaaagtag	atgggtgaaa	cctagctcgg	cacctaggac	ggcacaaaagt	180
aaatccttaa	caaatgcctg	taagttagtg	gtacttttgt	aaagaaaaag	ctccatgttt	240
ttgtgtgtct	ggagggtgtg	gtgtgtgtgt	gtgtgtgcga	ccctcaacac	cgccacataa	300
ttactaaact	acctgtgtga	cggtagtccc	ccctttttct	tataaacggc	ccctcatctc	360
ttatttc						367

<210> 479

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

```
<400> 479
gcattccagca cgggataaag aggtctgtgag aaggatgaac agatttttgg aagacgcaca      60
tttttgttaa gctaactcag atagacttca ctccgtctcc atgccttgc agtatcttta      120
attttaaaag aggaagaagg aagcatcgtc tcttctcccc aacagataat actgggtgct      180
ctgtgcacag ggtgacatta aaaaaattaa aaaattaaag aggaagggaag gaagcaacgt      240
ctctctctcc caacagataa tgccaggtgc tctgtgcaca aggtgacgtt atccattcat      300
tcctctctca ggtgtgggag tgagggttagg ggagggcatt gcaacgatgg cctttgccag      360
ggacctn                                           367
```

<210> 480

<211> 337

<212> DNA

<213> Homo sapiens

```
<400> 480
acaacaaaac aaaaccaggt gtagtgtggc tctaaaggaa catctgacca ggttctctggg      60
gaaccagggc catggggagg aagagggaact ctctctccat gagaagggcc tggagatgca      120
gggactgtca agtcaactttg gccaaactttt ttgtctcccc tagaatgaac tctgacctaa      180
aagtggagaa tcaacttctat gagagaaaaga catacaaaag aaagatataa ggcaatgcta      240
cagtaagttg ggcatatcta tcaaaattta aaaaacatgta tactctttga ggagtccat      300
tctttcagga attcattttg ccttatttaa ctatattc                                           337
```

<210> 481

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

```
<400> 481
ttggnctcgg ttggacagta tgacagaaag ggacacaggt tggagcacag aaagaagaat      60
catagagggt ccaaaaggaa tttagcataa tgatgtcgtt caagccaaca agccaagctg      120
aagtaaatga aaccataccc aacccttacc caccaagcag ttttatggct cctggatttc      180
aacaggtctc gggttcaatc aacttagaaa accaagctca tgggtgctcag cgtgctcagc      240
cctatggcat cacatctccg ggaatctttg ctagcagtc aaccgggtcaa ggaatatat      300
aaatgataaa tccaagtgtg ggaacagcag taatgaactt taaagaagaa gcaaaaggcag      360
tatgggtgat ccaacatcat gtt                                           383
```

<210> 482

<211> 355

<212> DNA

<213> Homo sapiens

```
<400> 482
ctcttgcggg gagggaagg aaggggacca tcccttgcca ccattatctg gtaaatcccc      60
catgtgatgc ctaatgcctt ccatccaggc atctaggcct accccaatc agcaagtttg      120
aaaggacttt gttgtttata tatacatttg cttcattcag ctatgaagca cctgtctct      180
taccagacct gccacctcca cccactgat ttgcttttgg gttgttaaag ggttgcgata      240
cactgcactt gccagacata cctctaaaat agotgttgac tcttgctca cctctaact      300
ctcctgctgg gagacccttc ctattctata tgcgacgctt tcatgtgtgt acccg      355
```

<210> 483

```

<211> 350
<212> DNA
<213> Homo sapiens

<400> 483
agttcgaaga ggttagggaga gaatttccat gggaaaaaat tgttggattg tacttcaata    60
caagtaacag gaacttcaag aggacctcta agaaaattat atgtaccact tggagtgtag    120
gaacatcatgg actggatctg agaccagtaa agaacagtaa gggtaaagtc tatggctgtg    180
accacagcac tgtgtctggt ccaaaaataa ggaagctctg agtggggagca aacttcaact    240
tcattgataa cgagcaaagg aagctcaggt caaagggagc caccatgggg ctgccttaaa    300
aggatcctta cccaagagggt taagtgtctc agcagaacaa tgggacctta    350

<210> 484
<211> 376
<212> DNA
<213> Homo sapiens

<400> 484
cgttgctgtc ggtggcgctc tttatatctt ggttacctta tctttctgtg gaagagattt    60
gatgtctagg ttgtcacat catgctgttt tcttatcact accaaccaggg ttgttatcta    120
gcaaccocga ttgaatacgt ggacgtcgcg gcttggcctc acagactgtg cgaggatagg    180
gtacttgggg tggccttttg caaattcgta tttataacta gactacttgc atttccttag    240
agtacctgac ttgccagagc agaattagcc tttaatatta atttgtatga cagaggatg    300
gaaaccttag tcccagtagc tttagcaaca ttccaaatag cttacaattt ctgtcacatg    360
ccagtgcagt tataag                                376

<210> 485
<211> 375
<212> DNA
<213> Homo sapiens

<400> 485
tctacggttg cgacaaaacg acagaagggg catttttagt tctagaatca ggggatccag    60
gatcatcacc aaggtcattt tcttagacag atgtgctgag gctgtagaaa gtgcttttta    120
tttggatggg agcttgtgca taaatgcgag aggggctgcc catctgacgg actagaggag    180
actcatggct gaaccggaac aggacatcgg ggagaagcca gcagagcttg tgtttaaagt    240
cataattcag aaccccaagc aaaatgactt cattgaaatt gagctgaaga gacaagaact    300
gagttaccaa aacctactaa acgagagtgg ctgtgaactg gggattaaac cacaacgagt    360
ggagaatatt acact                                375

<210> 486
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (343)
<223> n = A,T,C or G

<400> 486
actatcgaaa cagatcaaac gcatagagaa agaatacaac ctttcaaatt atttatatga    60
acacagtata atatggatgc ccaaatcaaa tgaatatagc cttctctcta caaccacctta    120
gggctagtac ttgagaaaac tgatactggc gcacaacctt caatactatc acaacatatt    180
tcttagacct ataccatcat gtttatctaa atcacatgga aaaataactg tgcacaaata    240
gagaattcct atgaagaagt ttaagtgaaga gggagtgaag aatggtctat tataagccta    300
ctgcaactaa aagattgatg ctctgtgcga ctaaaagatg agn                                343

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<210> 487
<211> 358
<212> DNA
<213> Homo sapiens

<400> 487
atactctctt atatgctaga gatagacccc agctaagttag ctctccctag aacaggtatt 60
ctgtcactca ctcacacaca cacacacaca cacacacaca ccttttttta 120
cactgagaga atgagaaaaa cattaaacttt tagctctccg gtggccatatt tttcttaaa 180
gaggaatca ttacacagta aagcattaat ggccagtgtg tgccttaattt aacaacacta 240
caaattcatg tagagatgtc tgattctcta gagaggaaac tgcattctct tagctgcagt 300
ccctcttca actgaagaaa tacatttcac cactaggggt ccacagggga acaaagga 358

<210> 488
<211> 353
<212> DNA
<213> Homo sapiens

<400> 488
aagttagtgt tgcagctctc cagcatatag aagagcagtt ctatattctg atttctttca 60
ttatagtcca ctgacttcca ctgggttatgt gggtaagaag ggtctctgac aatttataaa 120
acaagatggg gaaaggagac cagcaaaagca tgtatataaa acatttgggt cttttttaat 180
caaggagacc agaaactgtg gtatgtcccc aacgctttga ttgaaggccg ctgtatatgt 240
agtgtattcc tcatgacata ttctggactga ttcagacttt ccacagtgct tattagctca 300
ttctgtgctt caattcttct gagcacattg tccattaag agtagtcaaa agg 353

<210> 489
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (353)
<223> n = A,T,C or G

<400> 489
cgggggtgga gcttcaggta tgaatttttc tttctctttt tttagtgggc acagctatga 60
tatcagaagg taggcctgga accaagctga tgggagaggg aagacctgaa ctggtcagta 120
taagaagaga atgatatatg aaçaggaatg aaatggggcg cgagtgggtca tatagcaaa 180
aaggaaagtgt gggcagtgag tgcctgatgg ctgcggaggt tctctttcaa acgataaaaa 240
aaaaattttg aaatggacac aacattggcc gggcacgggt gctcacacct gtaatcccg 300
cactttggga ggctgaggcg ggtggatcac ctgagggtcag gggttcgaga ccn 353

<210> 490
<211> 343
<212> DNA
<213> Homo sapiens

<400> 490
tactgctttg tgaggaatgt aaaaaagact aacggaaata atgcaatgat ttacaacgta 60
tgaatgatgc ttaaaaatgta gtactaataa aagataataa ttattatgca ctatgattac 120
tgtgcaagtt ttaagaatga aaactctccc taacacttgg aagtgaacac actaccattg 180
tccaatgtga aaattacaga acagctccca cactatagat ggaagatctt tctatcatca 240
ggacagagac aaacctagct gctccttcta agaactctat tcatatactt atacacagac 300
caccattaat acaccatgag ttctgtcaag gaattctatt tat 343

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<210> 491
<211> 360
<212> DNA
<213> Homo sapiens

<400> 491
ttcaactgtct cctcactccc aactgtgggc agccaggtgt gcttctacat tgcaggctctg      60
gcccacatgc cctcgtgtgca gacctccact ggccgccccg tgaccctcag gatctgttcc      120
cagctcttgga acaggctctc cggaccctcg gccactggca cctcgggcag cttacctcgt      180
ccactcctg atagccccc aatgaccact ttatgcttca gccaaatcta gctgttgaca      240
gctctcaaaa cgcttgggct ggctaagcct ctacagtttc catgactctc ttctgagccg      300
gaaacacctg cctcctcctc acgtgcattc attcccacc cgaagacggg acaaacctct      360

<210> 492
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 492
agtataaagc atcttttcaa cacttgactg ttctctgtga aatgtattta cctcataaat      60
agttctagta aacagacctt gcgatttggg tggcttgagc ccactctggc tcttcagcca      120
agatgacaaa ttataaaatc cattctaatc acatcatcat ttagcaaatg ctttatttct      180
ggaatccaaat ttacatgtct acctgaatct aagattttat gcttatcagc gctatggaga      240
gaacatctct tcttattttg tgagcagggg atactagaac aataaagcgc tcgctcatga      300
cccan                                             305

<210> 493
<211> 356
<212> DNA
<213> Homo sapiens

<400> 493
ctcaggagaa ggttagaatt cactataaca aaagtaatat ggttattaat atgactagta      60
ttctaaagat ctcttaatat gttgggagcag gtatgctcagt ttacgggtgag acatttatgg      120
gtaagtaaca acattgtgtg agtgcaaaaca cctctctcct agcacacaca acacacacat      180
acgtacattc tttttctttc acacagacac aaacacactc ccatgggaca agaaatgcta      240
cgaagaattt ccttctctca aatatgctgg atgactctgt taggttttcc cacatagaat      300
ggagacttga gtgtttatgc tgggccccac gcatgcagat aagaccaag ttggat      356

<210> 494
<211> 351
<212> DNA
<213> Homo sapiens

<400> 494
gacacagggt ggagcagaga aagaggaaac atagagggtgc caaaggaaca aagacataat      60
gatgtcatcc aagccaacaa gccatgctga agtaaatgaa accataccca acccttaccac      120
accaagcagc tttatggctc ctggattttca acagcctctg ggttcaatca acttagaaaa      180
ccaagctcag ggtgctcagc gtgctcagcc ctatggcacc acatctccgg gaatctttgc      240
tagcagctca cogggtcagg gaaatatata aatgataaat ccaagtgtgg gaacagcagt      300
aatgaacttt aaagaagaag caaaggcact aggggtgatc cagatcatgg t      351

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<210> 495
<211> 292
<212> DNA
<213> Homo sapiens

<400> 495
ccatagttaa attatctaac tatgttataa acattgggaa taactatgtt ataacactg      60
ggaattacag agaaatatta tggaaagggtc tgattctaaa aatgcttata attgcttgga      120
gaaacttggt cgtgaatacc aagacaataa aagtcaaaac aaatccttaa ttagtttac      180
tgcagttggt catgtggcac tggtccttat ggaagcccaa aaaaagtatc cgtattataa      240
gtaaagctgt gccaaaacat gttaaagact tatatttctt tatacttata ga              292

<210> 496
<211> 346
<212> DNA
<213> Homo sapiens

<400> 496
gaatatggag attggcagtg gcagcgagag gttttggggt acagctccgc aactgatta      60
tgagtgacgc agttaatgga atctgccaac acaaaactga aatgagattc catgtaaagc      120
ctacacaata gaaaaaatgaa tgtttaaatga gcatgaattg tatcatacca tgctgtttct      180
aaaagtctcc aagcttagag gaaccttaga gaggatctta atgagctata ataataagctt      240
ccattcgcaa actggtatgt ataagcttaa catgtccaca ttagatcgct gctccctcca      300
acaaacatgg ggaggcttag cagtttcttc tcactctact aactgc              346

<210> 497
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 497
cgggcttact tctcacgatg tcaaagttca tcatacagtc acacagagct gcaagggagt      60
ctaggaaaaa cagctctcaa aagtagagggt ggacagcttc tcagggatct cccaagctct      120
gatgactctc tcaactctcg ttctctctgg gttccagact agattctctc agaaaaagtc      180
ttggaaataa ggatggaaaa aaaaatccag ctgctgcacc tatagattca cagtctgagc      240
ttctccacc accctctcag tctttgtcga tcaaattcag gagaagggtta actagcctgt      300
cttgaaacct atgtctatct ctgggataat ctctgcacct gagaana              347

<210> 498
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 498
ctctcagcct cgtgctatgc accattaaaa caacaaatga ctggctggaa atagaggctt      60
tcacagaaca gatcctgagc ctgtgacctt ccacatccag ctgccatta tcctttggtt      120

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cacggaaaca	gccctgacaa	gctcagcatg	gctacagagg	cctcctaaag	agaggggtgga	180
gcgaaacctg	ggccctctga	tatatgcacc	tgtggacgga	gactctcttc	tgtcctctat	240
cccttgctcg	atgccagggt	attagatatg	gctatccttt	ccccacacct	ctttaccatc	300
tgggaagccc	cttgggattc	actgagtga	tagcaatgga	agtttgtaca	ctangccgat	360
agcactgn						368

<210> 499
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 499						
ctatgatcca	ggtaagagtt	gggggaactg	cagagtgaac	cgagctaggc	cagtgaacttt	60
ggagtttagt	tctttaccct	tttgggcatt	agtggcctcc	tctggggctg	gacttagagt	120
cttgggagtc	tttttagtgcc	tactttgttt	tatttctgag	ccaaagtgat	ttggataata	180
cacagtaact	aaagaactga	agccaaagcca	gcttccagtc	cctggggccca	gtatatgtgg	240
gaaaccggta	cctactgagt	ccccatggga	tgacacaggt	actgcccct		288

<210> 500
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 500						
cggtgctgtc	gaacacaatt	agccactttt	tcagctacac	ttctcactca	gctgcaccct	60
acactttctc	ctcaggtgca	cccccttctg	ctgtccttct	cccaacgtac	tgggtcccga	120
gcgtgggtgg	tatttgccac	actgggtgac	agctcagcag	ccccccacct	ctctttatct	180
tctccaaagc	tggtctttct	gactatcatt	gtggtagggg	gaggacagat	gctaaaagtg	240
gaagctgacc	tggagaaaga	gacacacggg	gtgactgtgg	caaaaggacag	ctggaaaaaga	300
aactctatca	cttcttcatt	ggcaaccaca	agggacctga	ggccatggca	ctccccagag	360
ctgtgcgcag	agccaagcct	ctcaacctct	tgc			393

<210> 501
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 501						
taatatatttt	aggagataca	gggtttttgcc	atgctgecta	agctggtctc	aaactcctgg	60
actcaagcaa	tccacctgcc	ccagcctccc	aaagtctggg	ggttacaggc	atgagccact	120
gagcccgccc	ttaagacatt	tttcttacga	ggatattttt	agcccttagg	gaaatttatc	180
atgaaagcaa	tagagttcag	agcaagaact	ctggaatcag	agctcatatt	tgattctgga	240
taaaaacctga	agagttatat	aaacttggag	aagctaactg	ccattttgaa	ccatagtttc	300
ctcacgtggg	aaaagggttt	catgtttaata	tatataactc	atggattata	atgaagacta	360
catgacaa						368

<210> 502
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 502

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cggtgctgtc gcagggtgggc atgaacgttt gtaaacacac cagcactgat gcctccacat 60
gggtggccct ggagaatgcc ccaacagagg tcaggacagc tggggacgcc gtctcagccc 120
tggtagccag caccgcctta cgtcaggagg ctgcagtgcc aaggacagca agctatctaa 180
accocagtg tgtgcctcgg ggagctanca nntataangc accattaaat aaattgggtg 240
tgccctggaa tgcaaggagg gcaatagctt tghtaaattgg gttacatttt ttcccttgaa 300
ttttctatg gtccatagagc ttccaatca tttaatggca ttgtcggata tctttttacat 360
ttcaattggc atccatgaaa ttacatg 387

```

```

<210> 503
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

```

```

<400> 503
ttgccccaggc tgagagtgcga gtgatgtgat actggcttac tgcancctct gcctcctggg 60
ctcaagagat tctcctgcccc cagcctcctg agtagctggg attataggtg tacaccacca 120
cgcatggctg ctttttttga atgaaaaaaa agatggccat aaacatagcc tgtaggtcct 180
tccacttttc gtaacccaac ctctgaacc cctagcatta aagtgggtct tcagaaaaaa 240
gggcagccat tggggaccct cagaaaaaaa gggattttcc cttttctttt attaacaaga 300
ggccggtccc cttggagaag agcaggttcg ccttcgaggg ccgcatatc gccg 354

```

```

<210> 504
<211> 350
<212> DNA
<213> Homo sapiens

```

```

<400> 504
cagttactca caaaagacca cgtacacaaa taattgcggc cttttccatt aaatacaata 60
ccctataaaa ctggaagaca aactgggctt gtgatttcca gcccaaaaga ataagatagc 120
cagatgtctt tggcctgtat agcttatgga ttaacacatg cgatgtcaag atattcacc 180
agactttgaa caccattaaa aataacatcc tttttttgta acttgaaagg cacagatga 240
cggagcctct gctttgcccc cactacctga cttattgtaa acgcctttct tcataaaca 300
tgcatcactt aacatcagag atacattctt tgagaaatgt gaagccaggc 350

```

```

<210> 505
<211> 346
<212> DNA
<213> Homo sapiens

```

```

<400> 505
gaagtggagg tggcggggag cctagattgt gcctttgcac tccagccagg gtgttaagag 60
tgaaactcca cctcacaaaa aaaaaaaaaa aaagccctt totaaaaaac gccttggaac 120
ttaaggatct ttaccgcgaa gcctttgggt ttttaccac coactaaggg tcttttcaat 180
accocctgga aacccttggg cttctgggaa actggatggg aaacacatgt ttgggggaac 240
ttgccccaaa agcaatatct ccccaaaaag ttcggggtgg ccaaggactt tcctttgcag 300
aaaatttaatt tgttatctta taaaagggcc ccgggtggac cttgtt 346

```

```

<210> 506
<211> 382
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 506
cgttgctgtc gggagatgct ggtcattctg gagaagctgc ggaagtaac aggcacacgag 60
atgctggggcc tcgagaggagg ggaccttgaa gacgacttcg acctcgccca gcacgaccacg 120
ctcatgcaca agagcttttg ggacgagttc tacggggccg cggagggagg gaagccacaa 180
tttgaggaa aagaagggct tgaagacgac tggaaactgg acacgtggga cgggacctgag 240
caggagggat actggagcca gcaggagctg cactgtgagg accccaactt ctacatggac 300
gccactacg accccagcca gccgaggaag aaaaagcgcg agggccccctt gacgggcaag 360
agaaaacgca agtccccctt cn 382

<210> 507
<211> 395
<212> DNA
<213> Homo sapiens

<400> 507
gtccgttgct gtcgggctcc tgttgcaata tgaggctgat ctggaagctc tggggggggg 60
gagattgtcc ctgctgtctt ttccagctat tgggtacagc attttgggca ggagaatcta 120
ggaccatgcc acatcagggt tctccttaac ccattccatt cgactgttat cacagctatg 180
cttccagagt gctctgcgca ttttcacgat cagcaaaaca tgagcaaatc tctgttctgg 240
aagctgggaa gtccaggatc aaggcactgt catctggaac ctgaggagag acttcttctc 300
gcattcttac atggggggag acaaaagagt gccagagaat gaataatact ccagccccatt 360
cgagagggaa gaggccctcac ctcatcactt tctctg 395

<210> 508
<211> 386
<212> DNA
<213> Homo sapiens

<400> 508
cgttgctgtc gggggccccc attgtccatt attcaactgc acgtgtgtgc tgcgtgcttc 60
acatcctcta ttgagagtta cagcaagtgt taaacgaggt gagtccacat aacaggaatt 120
ctggaaactc ttgaaaacta ggacgattgg gcaatatcgg gcttaactcc acctgatggc 180
aggtgaccgg gatagaaaaa ggcctgcgtt ttagccagga tgtggctctc cagcttggct 240
tcagtgtagt cacttggcag tgcgctttct ctttcgtag tgaaatcctt ctctatacct 300
atgttttctt ttggttctta agtggggaaa cagaatgggc caggagaggtt gagtgaactga 360
agaccaaggg ttggtgcagc ctctc 386

<210> 509
<211> 356
<212> DNA
<213> Homo sapiens

<400> 509
aaggctgttg tcatgtggca gagagaaagc cccttatgcg cgtaggggag cagaagtgtg 60
cgtcgtgtgt ttgtcacggc tgtgagtaag cgcgtaataa ataaatcaga acgagatgga 120
cggagaccat gcgctgtgct ttcattctcg tcatccccca gctgaggagg ttcttgaccc 180
ccatacccgct cctgcagcct tcgagcaaat gtgtggaaag gaaaaatacc catatcgaaa 240
tcagaaacaa ggtgttttaa aaatacgaat tgagtctggc caggcggtgtt ggctcacgac 300
tgtaatccca gcactttggg aggccgagggc aggtgggtca cctgaggtca ggagat 356

<210> 510
<211> 352

```

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 510
ctaatagaca tccaaatgca gcctacttgc aagcaggagt taagtcaagt tcaactctcgt      60
atcttgtatt tgtgccccca gcccttggag cgtaatgaga aggagccggg ggcaggggaga      120
caggaaaccac aggactccac tccagctgtg gattctaacc cagacctctt cccccacatc      180
cactaattct tcacagaacc tttaaactgg gtgtgggctc tctgcaagtt tcgctgtggt      240
ttctaagtcc ttatgtggtg atccacttga caactaattt ttttaagttg gtagtctcct      300
gcggtatttg acagtttttg gtttggtttt gtttttgaga cagggtctca cn                352

<210> 511
<211> 298
<212> DNA
<213> Homo sapiens

<400> 511
gaggggggag gataagtctt aaagctgcgt ttgcaaaaaca agcagtgtgt tactggggcg      60
cataatagct tgggcagctt ttgggaagag ctgctacaat ttgggaggga tctgcagtctc      120
acacctccca tcaaaaggaag tgaggaaat ccaactagact tacatcctcc aggccaaaaag      180
ctagaaaagtg tccttttacc tgcatgcttc caactgcgtg tccctgacgc cctggtttca      240
tggtgctcct gtactactct taaggagact cccccgcgtt gtcacacgaac gaaagagg      298

<210> 512
<211> 348
<212> DNA
<213> Homo sapiens

<400> 512
tttggatttg ccggtattat tgatggtaaa ctgactaaaa tcatcatatg aataatagaa      60
atcaggccca acatcagata gacttttcca ttcagttaag ttatttgtta gcaaaattta      120
ttttgtcagt tcaactacaca atgtgacagt atatagtttc tctaatagag taacatttaa      180
gaggacatat aatataacca aaaattttgag ttccagataa gtttggtgtc tcactagcaa      240
gatgacgtta aataactcat ttaatttttt tgaaaactta attttctgtt ctgtaaaata      300
aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaa                348

<210> 513
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 513
caattcatca atgctctgga ccatagcatg gtgaggaaag ggtagagcag ctcaagtgcc      60
caaggcccaag agcctgccag gccaggatag gagagcatcc catggctgga ggagccctgg      120
ggcagccact gccctctgcc tcccatagct ccagacacaa atcaacaggg ctggggggcc      180
tccagtgta tagctcaggg caggataggg gagtcaactg cagccaggct ttctaagcca      240
gaggggccctt ggagatcttt cactgttgtt tcccatttac agtcagtgaa actgaggccc      300

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agagaggggaa agtaactttc ccaaagaaac acagcaactg agtggcacgg ctgggattgt 360
aactcccn 368

<210> 514
<211> 349
<212> DNA
<213> Homo sapiens

<400> 514
cacatacgcg tttctatatt tcttctctct ctctctgatct ccttaaaaaa gaatctagag 60
ttgggtggcct tttccccctc ctctttggcc agttccacag ttcagttctt cctgaaaaaa 120
gggatgatga acttgtagga tcaggacaaa tgtgtgtttt tcaaaaactt aaggctgggt 180
gtgaaacacc ttctgtggac aaggatttgt aaacttctct cctccctcca gctgcggccc 240
cagcctaact gatagtact tgattcagtg tgctagacac ttaaatagca tctatgtctc 300
tttcaaggga atttgtaaaa taatgcgtgt tagctaattg ttgcaagca 349

<210> 515
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 515
tccattgcag ggtatcgcca ggtgccttga acttcccgag gcaagaagac cctggagaca 60
ggtagcaggg tggccagggc tggggtggct tcaaaactca cagacaagca gatgctcaa 120
gtctgggaag cctaagccca ggtggctgca attctgatgt cactagata agccactgtc 180
aactctgcca tccccctccc caggctcaga ggctgaggac agagaagctg gggttgtgcc 240
ccagntcttt ctatgaagac tcaaaaggca aagggtgggc ccagggaaca tgggtgaccc 300
tggcctcctc ctacgtgccc attgcttgca gggcaagggc tccagcttg 349

<210> 516
<211> 383
<212> DNA
<213> Homo sapiens

<400> 516
cggttgcgtc gattgagttt aaccatgttc caagagaaaa tacaattaat gaatagtcac 60
aagggtgtcta atctgatcaa tgccgggtga taggacattt aatctgattg tctgtgactg 120
caattgcaca gagcttttggc agccaagagg accgccctgg ctggcgaagag cgttttagtg 180
ctggctactc cttggggtag aggtggggct ggggagctgt gatgtaacaa gatgtgggga 240
ggagagaagg cgcccagagc atgagaggaa ctggctgaaa ggatcgaaca cagggagggtg 300
agcccacaga aagttaggtac ctttcatgcc aggaatggga gagacagccc catTTTTTTT 360
tctgagacag agtctcgaag tgg 383

<210> 517
<211> 361
<212> DNA
<213> Homo sapiens

<400> 517
cctaattccc tcacaagcat tcagtccttc caccctgagg tggtgaaatc cctgcaggca 60
tttataagta tacctggaca gaagaaatc aagatacgt tctattaact caatatagtg 120
ttgctaagtt cgtacttttg ctttgggtat tttattttat aaataggtat cactgcgatg 180


```

gttccaaatg cggtaggcac agagagtata tatgatggaa ttacatgctc cttccctgca 240
ctcagacaac gagatatccc cgctacgggc actcaaaggt ttcattgtct gaaatatcag 300
gctaacaagta gttcatgggt aggaagcaac aaccgtaaat aatccccatc caaacggagg 360
g 361

```

```

<210> 518
<211> 365
<212> DNA
<213> Homo sapiens

```

```

<400> 518
gggtgaagca agtaaggagc ataccttagt cacagcccg cctctggtga atgggtgtac 60
tataaactaa atctgcctgc caatcatggg acaaggcaga acacttgtct atctctgtct 120
aagctcccct gaaaatttat gaagagatgt cgcctcgcac atgagtttga gactaaaact 180
tatgtttcct aagtaaaacc cacatcagga aaaccttagt ccagtaaaat ccaataacaa 240
gaactttcct tatgttggtg aaatccgtgt ttgcttgaga gaaacaagag agaataaat 300
tatctctaga gaatttacca aagaaaatga accttaatcc ttgtctcata agatttctat 360
agaaa 365

```

```

<210> 519
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<400> 519
ggcacgagcg gcagcagcgc atttggttt tccacctgct ggtgcccttg aggcctctgag 60
ccccggggcg gcccgggccc acgcggaacg acggggcgag atgcgagcca ccctctgtgc 120
tgctcctgcg ggttccctgt ccaggaagaa cgggatggag ttggatgaca acttagatac 180
cgagcgttcc gtccagaaac gagctcgaag tgggcccag cccagactgc cccctgtcct 240
gttgcccctg agcccaccta ctgctccaga tctgtgcaact gctgtggcca ctgcctcccc 300
tcttggggcc tatgtctctc tggagcccga ggaggcgagg cggctcctacc aggcctgcga 360
ctgccttaca ggcacttgag atacctgcaa ggtgtg 396

```

```

<210> 520
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

```

```

<400> 520
cagcaggaga tctgtccctg cttcaatcca cgagaagcct cacaagtgtc tggagggaga 60
aacgtccttg aggacagtag gaaactactg tcctcagccc tggaaactgt gctaggtaac 120
tcagacaaat caagtggcgg ttcagcagca tcacactgca ggaagtatgt tccacaggctc 180
ccttggggca aaaccccccag cpaacccctcc cacactgctg gaaatcccc cttaggactt 240
tccatattta ggacagggca gtgctctgat gatttactag agccaaggcc aacctgggtt 300
atagcacccac ctattgccga aaagaaggca gcaacctagg agaaaaattt anan 354

```

```

<210> 521
<211> 265
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 521
cgatatctgg aagggcaggg acatgagctg ggtggggggc aagtaggacc tccatcagtg      60
gggatatgac tcagctgtga gaaggacag atggagtga ggtccagcca ggggctgcag      120
tggggctggg gtcccttagag ctccagtatga gcttcagcac gaggtggggc ttgtgtgtgc      180
acgtangtcc ttcccgaag gcattctccag agtaaaaggtc atggtcagga atagttcatg      240
attggagact gaaactgcac atagg                                     265

<210> 522
<211> 378
<212> DNA
<213> Homo sapiens

<400> 522
cgttgctgtc gcacctgat ggagacagag ggggacagcc cccaccatc tgtccccggc      60
agggctcttg ctctccacag cccctggaac aagccccatg ccccaacctt gggcctggct      120
actggcccag aaggcaccag gcctcatgag aatgctgggg gaccccaag tggggggtcc      180
cataacctga ctctctgggg ctacacctca tgccctggaca agacgctgtg ggcgtgccgg      240
gccttgaaca gccctgcagc tgcacccccg atccctgatac ctacccccat tcactgccag      300
catgctaagg ctactggcgg gcattctctc tgcctcaaat tatagacctg tctccctgac      360
acacctgctg tgccctct                                     378

<210> 523
<211> 344
<212> DNA
<213> Homo sapiens

<400> 523
tgaggtgccc tgccaggacc ctgccagctc ttgttgagca gggaccgcct ctctcctgcc      60
cattgacccc agggccagat gtgggacaga ggaatgtgca tgggtggggc ctgggcttct      120
ccgtgtgtgt cctgtctctc tccagcttct tagactgtgt gggccagagt gcttttcagt      180
gcacccgagc catgatgagc gagtggctgt gatgacccac gcagccagtc ctttgtgcaa      240
ggaggggaag ggagggccct acccgatatc aagctcagct gtcggcactg tggtttcttg      300
caccctcta aacctgagac tccccctctg attgcagttg aacg                                     344

<210> 524
<211> 348
<212> DNA
<213> Homo sapiens

<400> 524
ttcattgctc cgccaccaca gaaatccaga aacgaatata tagcaccaga atttttacc      60
agcaacaacc cagaactcaa atatgggatg aaacaattcc tggagccaca aaaaagtggg      120
gaaactccaa gcagatagga aaagaatcca gactcccaca tccacaatgc ccttccccca      180
aatcttctcc agcgccaagc apacaggaaa tcttccctca attcacagtt tatgtacttg      240
aaaaagagag attgagatgg tcaaccggct tccccacctt cttgggttcc cagcaggaga      300
cttgtccttg ctttaaccaca caggaatcat catgactgag tgaaggaa                                     348

<210> 525
<211> 378
<212> DNA
<213> Homo sapiens

<400> 525

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cggttgctgtc	gggaagaaga	gccaaaccaat	cacaccagag	cttccaccga	cagcagaggg	60
gacgtaaacac	accttcttctc	ccctcgggct	ttctctcccc	ttctctcccc	ccctctcctt	120
attcataacca	gaagcgcttc	agctctgatt	ggctggagct	ctgtgctatc	tcagccaatc	180
acaagccggg	ctgtgctcct	acaccatccg	aagagcgaat	cgtgcagaga	ccgtgtctac	240
gattggcctc	tcctgcacaa	ggatttaatt	ttgaattttt	ctttatggcg	tgggagaggc	300
cacagcccg	actccatcga	ctcccccggc	tcttagacta	aaatcatgcc	caagttcaaaa	360
caacgaagac	gaaagcta					378

<210> 526
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

acaccagaa	aagcccgctc	caagctcg	ggg	aagttgcaga	ggagaaaacc	tggagtctag	60
cgctctggct	ctgcctgggt	atgggcccag	ggcccgtgcc	cagagaaaacc	cactggagga		120
ggatggagg	cgccctcgcc	ccggggacag	accagccttg	acggagcga	aggaggaggt		180
gcgcacagca	aagcaccaca	ggcgggcg	gggcctctcc	tggaaaggca	ggctcctttc		240
caactgggct	gcctctcgcc	ttcaacgtcc	taaagcgggg	acggctgaac	ccggncatg		300
gctgacttga	ctccacctcg	gaataactga	tagggttcgc	ctatcgtc			349

<210> 527
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

cggttgctgtc	gccagagttg	cgaggagttt	tttaactgat	ttagccaggt	ggcaatcatg	60
agtgaatgga	tgaagaagg	cccttagaa	tggcaagatt	acatttacaa	agaggtccga	120
gtgacagcca	gtgagaagaa	tgagtataaa	ggatgggttt	taactacaga	ccaggtctct	180
gccaatattg	tccttgtgaa	cttccttgaa	gatggcagca	tgtctgtgac	gggaattatg	240
ggacatcgtg	tgcagactgt	tgaactatg	aatgaagggg	accatagagt	gagggagaag	300
ctgatgcatt	tgttcacgtc	tggagactgc	gaagcatata	gccatagga	tctggaagag	360
agaagaagaa	gcctaagaa	atggcttgag	aaan			394

<210> 528
 <211> 282
 <212> DNA
 <213> Homo sapiens

ctccccttca	catctggcca	gctgccatgg	ggcctagctc	aaagaagggg	ccccctccca	60
gggcccagctt	caggatctga	tcttgccccc	cagctctacc	ccacaccata	ctatgctggc	120
ctcgtgagtg	cacatgtgca	ggtgcccttc	ccctcaaaac	ccgtgacatt	ccagcctca	180
taccaagtct	tggctctctc	tgaacccctc	agcacctgtt	gacgcaactg	tgctaatgag	240
ctgggaaagc	ttccccaacc	cgtgccacac	taaggggggg	gg		282

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<210> 529
<211> 396
<212> DNA
<213> Homo sapiens

<400> 529
cgttgctgtc ggtgcggcgt ctgatttctt tgtgctaacc tggcagctgt ggggccctta 60
ggagccccc acgaggggtg gacacagtc ctttccctcc tgcagatgcc taggcaggag 120
ggaggcttcc tgcctgttgc gcaaaagtc aggcagaggg caaggtatgag gctcgactcg 180
gctctctcct ccacatcagc cagggcatac gaagttaggc caggcgccggg ccttccctgc 240
tcgattttgg acgagggccta agtaaacccc ctatgccctg ccccgagcct ggctctttcc 300
taaccctctc aacggtggga ggaactggca aaaggtgcgc ctgggcacaa acttcccgga 360
tcataaggcc cctttcagat tttgacacaa ggggagc

<210> 530
<211> 389
<212> DNA
<213> Homo sapiens

<400> 530
tactacgggt gcgacatgac gacagacggt gacgggtgag ggcagaccac agctggattg 60
cgctgcgaaa agagctctat ttgggacggc tgcgatgcta ctgctgtatg tgtcgccctg 120
atgagctcga ctaaacgggt ctggctgcga caatcgcac tgattgtatg ttttgcgttc 180
agacgaagga gggggacggc tttgttgaga attccacat ctttgggttc agcttggcat 240
taaagagtggt agtgataaat tattgatgtt ttttatggga acggggaggg cccgcacaaa 300
cgtcatgtac ttgtatcct gatctactct agttcttttg tttttcaggt gaggaaacta 360
aaatctactg aacttagtct ataataagc

<210> 531
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 531
ggcacagatg gccgagcaac tgtggcctgg aagagaaaat tgccaacctg ggcagctgca 60
atgactctaa actggagttc aggagtttct aggagctgat tggagaagcg gccaaagattg 120
tgaagctgga gaggcctgtc cgggggcaact gagaactccc tctggaattc ttgggggggtg 180
ttggggagag actgtggccc tggagataaa acttgtctcc tctaccacca cctgttacc 240
tagcctgcac ctgtctcat ctctgcaaa ttcagcttcc ttcccagggt ctctgtgcac 300
ttgtcttgg atgctctggg gagctcatgg gtggaggagt ctccaccaca gggaggtcga 360
ggggactggt tgggccaggg atgan

<210> 532
<211> 392
<212> DNA
<213> Homo sapiens

<400> 532
ggcacgaggg tgtgtctgtg tttgagatga ggctgtgtc tttcaaaggg tgtgtccatg 60
gctgttatcc atgtagctat gtctctgtgt gaaggtgtgg ctattgtctg tgatgacatt 120
gcctcgga ga gtgcattcga gggatctaca agactgtctg tgtccaagag tgcagctgtt 180
ggcggtgagc ctgtgtgact gtgctgttg ccttagagtg tgggtgtgtg ggtattgcac 240

```

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agaggggtgta tctgtgtgca gtggtgcate cgttaggggtg tgtgggaaca tgacgttgtc 300
tttgagagtg gtttcattgag ggttatttgt aaggggtgtga ctgttgccgtg agagagtgct 360
cgggtgggtct ttgcgaaact cgggtgcctgt tg 392

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<210> 533
<211> 381
<212> DNA
<213> Homo sapiens

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<400> 533
ggcacgaggc ccccttcagg ctaagtttca tgcagggaca gacccagaaa gaacacagtc 60
tgccctcaga gagctctttg cagtgtagt acactggggg ttctgcagtc agggaggagg 120
gaggggtggcc aggctgacag ctttttgcaa gaggaggggg accagcacca gctgggaggc 180
ataggctagg acaggccccc gtggaggctg ggcaggaagg gcctgctgag gtcacacagc 240
tgttggtggt tgggcccagg cggcttcttc ctttcagaat gctaggggtg ctctcaccac 300
tggccgcctc tccttgccag gcctgccaac tcagggggaca gatggagcac gagtggagaa 360
agggaaaggc aggtctgggt t 381

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<210> 534
<211> 387
<212> DNA
<213> Homo sapiens

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<400> 534
cgtgtctgtc ggacatcgca aacgtcgag gacttcagc aagtcggagg caggggctag 60
gggtggaggc cagggttcca aggaaaagg cggaggaggt tggggaggcc gccaccacca 120
ccaccacca ctgctcgag caggctcaa aaagcaacag cgcaagtctc agtatgggaa 180
ttattgcaaa tactatgggt accgcaatcc ttctgtgag gatgggcgcc ttccgggtgtt 240
gaagcctgag tggtttcggg gccgggacgt cctagatctg ggtgcgaatg tgggccaatc 300
gacctgagc attgctcgca agtggggccc gtcccgcagt tggggcctgg atatcgattc 360
cgggtctcgc cattctgccc gccaaaa 387

```

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<210> 535
<211> 386
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

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<400> 535
cgtgtctgtc gctgaagcag tggatccagg gccgggaagca ggagacacag ctgctggaag 60
actacgtgga agccatcgag ggtgtcagaa cgcacctgct gcggcactcc gagccagta 120
agctcaccct tgtgggggag cttgcccacg gccgcttcag tgccaagatg gaccacctgg 180
tgtgtctctc gccagggacg ctggctctgg gcgtctacca cggcctgccc gccagccaca 240
tggagctggc ccaggagctc atggagactt gttaccagat gaaccggcag atggagacgg 300
ggctgagtcg cgagatcgtg cacttcaacc tttaacccca gccggggcgt cgggacgtgg 360
aggtcaagcc agcagacagg cacaan 386

```

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<210> 536
<211> 364
<212> DNA
<213> Homo sapiens

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<400> 536

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aataaaagtt	tctttaaggg	agataaaagt	acaatgctgt	ggaataaaaa	agctactgct	60
gtgttggttaa	tagctagcac	agatgttgac	aagacaggag	cttctacta	tggagaacaa	120
actctacact	acattgcaac	aaatggagaa	agtgtgttag	tgcaattacc	aaaaaatggc	180
cccatttatg	atgtagtttg	gaattctagt	tctactagagt	tttgtgtgtg	atatggtttt	240
atgccttgcca	aagcgacaat	tttcaacttg	aaatgtgac	ctgtatttga	ctttggaaac	300
tggcctcgta	atgcagccta	ctatagccct	catggacata	tatttagcatt	agctggattt	360
ggaa						364

<210> 537
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 537						
ggcacgagca	gcaacaagtt	catgctggtt	ctggccagca	accaaccaga	gcagttcgac	60
tggggccatca	atgacggcat	caatgagatg	gtccacttcg	acctgccagg	gcaggaggaa	120
cgggagcgcc	tgggtgagaat	gtattttgac	aagtatgttc	ttaagccggc	cacagaagga	180
aagcagcgcc	tgaagctggc	ccagtttgac	tacagggagg	aagtgtctcg	aggtcgctcg	240
gctgcaggag	ggcatgtcgg	gccgggagat	cgctcagctg	gccgtgtcct	ggcaggccac	300
ggcgatgcc	tccgaggaga	gggtcctgac	cgaaagccatg	atggacaccc	cggtgcaaga	360
tgctgtcccc	cagccccagc	agaagatgg				389

<210> 538
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 538						
cggtgtgtgc	ggatagtgat	gggggtgacg	gtggaagcag	gtcaggtgaa	acaggggaca	60
cccattgtgtg	tcccaagcaa	aaattttgtt	gacatcgga	tagtaacaag	tattgaaata	120
aaccataaac	aagtggatgt	tgcaaaaaaa	ggacaagaag	tttgtgtaaa	aatagaacct	180
atccctgggtg	agtcacccaa	aatgtttgga	agacattttg	aagctacaga	tattcttgtt	240
agtaagatca	gccggcagtc	cattgatgca	ctcaaaagct	gggtcagaga	tgaatgcag	300
aagagtgaact	ggcagcttat	tgtggagctg	aagaaagtat	ttgaaatcat	ctaatttttt	360
cacatggagc	aggaactgga	gtaaatgcaa	tan			393

<210> 539
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 539						
tgggacctca	ggggccacct	gaacgccttc	ctgtaccgca	cgggccagca	cagcaacaag	60
tctatgtctg	tcttggccag	caaccacaac	gagcagttcg	actgggacct	caatgacccg	120
atcaatgaga	tgggtccactt	cgacctgcca	gggcaggagg	aacgggagcg	cctggtgaga	180
atgtattttg	acaagtatgt	tcttaagccg	gccacagaag	gaaagcagcg	cctgaagctg	240
gccaggtttg	ctacacgggag	gaagtgtctg	gaggtcgctc	ggctgacgca	gggcatgtcg	300
ggccgggaga	tcgctcagct	ggcgtgtcc	tggcaggcca	cggcgtatgc	ctccaggagac	360
gggttcctga	ccgaggccat	gatggacacc	cgcgg			395

<210> 540
 <211> 396

<212> DNA
<213> Homo sapiens

<400> 540
ggcacgaggg acctcagggc cacactgaac gccttcctgt accgcacggg ccagcacagc 60
aacaagtcca tgcctggctc ggccagcaac caaccagagc agttcgactg ggccatcaat 120
gaccgcataca atgagatggg ccacttcgac ctgccagggc agggagaaac ggagcgctcg 180
gtgagaatgt attttgacaa gtatgttctt aagccggcca cagaaggaaa gcagcgctcg 240
aagctggccc agtttgacta cgggaggaag tgcctggagg tcgctcggtc gcggaggggc 300
atgtcggggc gggagatcgc tcagctggcc gtgtcctggc aggccacggc gtatgcctcc 360
gaggacgggg tctgaccca ggccatgatg gacacc 396

<210> 541
<211> 319
<212> DNA
<213> Homo sapiens

<400> 541
tattttcttc attggctgcy gtatgatgag tatttttagg ccttacctaa ttcattctgta 60
aaaaataaagt taatgttttt tgaatgcctg ctactggggc caagggttag acgtagctca 120
tctcagtgct cctcaccacc ttacagggag agaataccgt ttgcaaatag gggcccaaaa 180
agatcactgt gctggcccaa agtcacacag ctgataagtg gcagggcaga ggctcattg 240
tgctcccgag tacaaagata gcagtcctct cctgcattac agaattgtga gaatgagaag 300
ataatgaacc agaaagcac 319

<210> 542
<211> 301
<212> DNA
<213> Homo sapiens

<400> 542
atgcctggct aattttttat ttttagtaga gatgggggtt caccatgttg gccaggctgg 60
tctcgaaactc ctgacctcaa gtgatctgcc caccacagcc tcccaaaactg ctgagatcac 120
agggtgtgagc catcgctgct ggctgtttaa atgaatttct gactggaggc ttaatttttt 180
tgtttttttc acagggtctc tttgagagga tgacagtggg aagcgccact tbtggctgtt 240
ggggctcgag gctcggctcc ttccaacttc gggtgcctct tcacggtgccc aggttttgtg 300
g 301

<210> 543
<211> 340
<212> DNA
<213> Homo sapiens

<400> 543
tatttttgcy tggaatataa taatatctga aacctccaca ggctccttat acataaacatt 60
ctacctacaa atagagtgca ctacacatgt gaagcagcaa tgcataatga ccaataatca 120
agaggggaaa aaaaaagcaa aacaagcaaa tagatgatct gcataattga agttaacaga 180
caagaacttt aaaaacacca taattgggac ttctggatag ctaaggggcat aacagctgca 240
ccatttagct atatgectcc ctgtatttcc tccctaagaa attaaaaacca acaaaaaaatg 300
gtatgtaaat ctagacagaaa ccatgccttc ggccataact 340

<210> 544
<211> 328
<212> DNA
<213> Homo sapiens

<400> 544

ggaaaaaaaa	gcaaaaacag	caaatagatg	atctgcataa	ttgaagttaa	cagacaagaa	60
ctttaaaaca	accataaattg	ggaattctcgg	atagctaagg	gcataacagc	tgaccatttt	120
agctatatgc	ctccctgtat	ttcctcccta	aagaatataa	accaacaaaa	aatggtagtg	180
aaatctagac	gaaacccatgc	cttcggcata	acttgaagac	agagaatgct	aaaatattaa	240
aatgacccgtg	actaggctgg	gcacagtggc	tcacacctgt	aatcccagca	ctttgggagg	300
ctgaggcagg	tggtatcactt	gaggccag				328

<210> 545

<211> 324

<212> DNA

<213> Homo sapiens

<400> 545

aaggcagcag	gtgccagtgt	cagtaaaagg	cctgcctggc	tccttctgctg	agaatccagg	60
ctatgcttga	gctagggtgt	gcacgtgtgt	gtgactgtgt	gtgtgtattg	caaaacaaag	120
ttctctgggt	ttagctagat	ttcattttac	cttctgagtg	agcttctgatt	ttccatggaa	180
aatggacaat	tccttctctt	ccataggcca	ggaagctgtt	cctgcattct	ttgggaccag	240
aaaaataatt	ttcattttat	ttctgtcatt	atctgactct	ttcctcctaa	atctcattta	300
cactgatgta	aatgtaatat	ttta				324

<210> 546

<211> 333

<212> DNA

<213> Homo sapiens

<400> 546

tcattacatt	attttccttg	taattaattt	gctaaccgga	ggtagaaca	gtagtccata	60
actaaaaatt	atttaccatt	ttcctcttaa	atacaagac	aaatatgac	tattcatgac	120
attataccac	tggttctgtt	atttcccata	ttaacttggc	gtagtgtgtt	aaaacattct	180
tttcttcttt	gtagatgaag	aaaatagac	agtgaataa	cgattactat	tgatcagta	240
tagttgttta	aaataatgtc	taatgggctg	ggtgagggtg	ttcacacctg	taattccagc	300
actttgggaa	gccgaggcgg	gaggatcacg	agg			333

<210> 547

<211> 341

<212> DNA

<213> Homo sapiens

<400> 547

aacggccagg	aatgctcaca	aatatagtga	cagtaaatgg	gtcattctga	ggccttcggc	60
tcaaggcagg	gcttgaagg	ggataaagtc	taatggcact	agctggcatt	tcaaatctta	120
gatgcctgag	gcagactggc	accgaaacag	ctcctcggtt	ctctcaaatg	gaacataata	180
ttcatagagg	gttaacaaaa	taatatcgtg	aagtttttcc	cttttaaatc	tctaaccggtg	240
gccggggcgg	gtgggtcacg	cctgttaatcc	cagcactttg	ggaggccgag	gggggaagat	300
ccctgaagt	caagagtcgg	agaccagcct	gggcaacatc	g		341

<210> 548

<211> 332

<212> DNA

<213> Homo sapiens

<400> 548

gtctgatcat	atatcctgat	ttttaggtaa	gaatacatag	ccatgacagc	aagagaatat	60
ctctgcagct	tctgatgtac	actgaagagc	aaaataactt	aagacatgta	aagtttaggtg	120
cctcaaaaaa	taaacactgc	atgctcccaa	ggggaaaaac	aattctcaaa	aacagagagt	180
taaaaaaaga	gaaagaggcc	gggcacagtg	gtccacgcct	gtaatccag	cactttggga	240
ggcgaggcag	gtggatcaca	aggtcaggag	attgagacca	tcctggctaa	cacggtgaaa	300

ctccgtctct actaaaaata caaaaaatta gg

332

<210> 549

<211> 328

<212> DNA

<213> Homo sapiens

<400> 549

ctgtgttgca	ggcataaaac	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
gttggaaagtc	agagtcacatca	gtttaaaatt	tagctcaaca	aatgggtggct	tgotttggtag	120
ttcctgtgtt	taacattatt	tttgggaagaa	aaagaaaaaa	aaggaaggta	gaggaaggga	180
gaatgttttg	attgttttct	aatttattga	tctctccctt	gcacatcac	caagactggt	240
aactggttcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agaggggaga	taagggtatc	tcctgtct				328

<210> 550

<211> 319

<212> DNA

<213> Homo sapiens

<400> 550

gagaactaag	tatttttctt	gcattagcca	taacacatat	tattttaatt	aaggtttctg	60
tttttttaatt	cacctcatgg	aaacactgag	tctaggctga	gatgggggccc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtagggtat	gttttacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagttaact	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	catttttatct	cttcagtaag	atattttgtga	ctgtttacag	300
ttaatccctg	ttcttacct					319

<210> 551

<211> 332

<212> DNA

<213> Homo sapiens

<400> 551

tctgctatcc	tacttgagct	tctgtatcca	cttgtggtac	cacatgcttc	acagtgtttt	60
gtcatgggtt	atttacatga	caatcaccag	tagaagtttg	gaagattttt	gaagatagga	120
cactatcatc	atcattttga	atctctacta	tctagtacta	accacacaaat	aacaagcact	180
tgagaaatgt	ttgagtgcct	gagtggatca	gctttccact	tggtaaaact	ttaggttaaat	240
ttcatctgtg	taaactggct	ctgtgtatta	gccgctcact	taccaccatt	tgtctctctt	300
tcacatcaat	tggtgaatag	aaaaatggct	ct			332

<210> 552

<211> 177

<212> DNA

<213> Homo sapiens

<400> 552

cacttgatgc	atatactaaa	ttttctttga	tcaattttta	gtgcctcaat	ttttagtccc	60
tttaattaga	aggtagccag	tatccagtac	caaaaattga	gaacactggt	tctgtatcta	120
aagagttcct	ttttactgtt	catgcttgct	cctaaagatat	ttttctcata	ctgatgg	177

<210> 553

<211> 328

<212> DNA

<213> Homo sapiens

<220>

atttttctaag tacatgttga aaagtataat ttcaatcagt caagaatcc

229

<210> 557

<211> 267

<212> DNA

<213> Homo sapiens

<400> 557

gcccacctac	agtcctggca	gaattggact	tcagcagaac	cggggtcctc	ccttttgttg	60
gctgtggggg	aaacacttct	gatgggcccc	tttttgaag	gttgcaagta	gtcacatgaa	120
tactatcagc	cacactggcc	agatcagggg	acaatcctat	gtcctgggac	ttgaaacgtt	180
ctgtgccacg	tgtggcgctt	ggtgactacc	atggccaggg	accagcaggc	cctgtctgcc	240
ttcagcctag	agcagggctc	tgagccg				267

<210> 558

<211> 338

<212> DNA

<213> Homo sapiens

<400> 558

tccaagtctc	cccaaacatc	ttacagttta	agtgagggta	accattgata	gactatatat	60
tgtaaaaaga	tactagtact	tctgaggaaa	tttacaattc	agcaacacaa	cctataaaaat	120
accattaaaa	tgctgtcttc	tattcatact	gcgaaaacct	atagagctat	tttgaaaaaa	180
caaaaaacaa	gaaagctctt	tatgtccttg	acatagtaag	gtctctaaat	atatagcaaa	240
tagagaaagg	gagatcagta	cagtgtgtat	attatgacac	catttgttaa	acattatctg	300
cgttcatcat	tttcttatat	atgtataaaa	taactcag			338

<210> 559

<211> 325

<212> DNA

<213> Homo sapiens

<400> 559

gagaactaag	tattttctct	gcattagcca	taacacatat	tattttaatt	aaggtttctg	60
tttttttaat	cacotcctgg	aaacactgag	tctaggctga	gatgggggcc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtagggtat	gttttacatt	tcttaaacatg	180
cactcattta	agtgtatgat	taaagtactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	cattttatct	cttcagtaag	atatttgtga	ctgtttacag	300
ttaatccctg	ttcttacctt	gaggc				325

<210> 560

<211> 336

<212> DNA

<213> Homo sapiens

<400> 560

tcactcttgt	aatatctaca	tgcccagtag	ctaataata	tttattcaat	gtgatatttc	60
ttatcaattc	atacctgaga	attcacttaa	ctttgccatc	acatgagttc	tagcaagcag	120
gaatatacag	tgattatgcc	tagaatttta	aacatcagat	ctgacctaa	aaataacaat	180
cccaactgtg	agaaagaagt	ggtttgggga	agtcacacac	taaagaaata	ctttcaaac	240
agtctaaaaa	taactaaatg	gttaattctta	tattaaacaa	aacatgcaac	ctagattaac	300
aaagcatcac	aaatctcaat	ttcattatgt	gcattt			336

<210> 561

<211> 323

<212> DNA

<213> Homo sapiens

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<400> 561
actaaaaata caaaaattag cgggacgcag tggcacgcgc ctgtaatccc agctactcaa      60
gaggctgagg cacgagaatc acttgaaccc gggagggaga ggttgacgtg agccaagatc      120
gtaccacgcg actccagcct gggtagacaga gtgagactct gtctccaaaa aaaaaacttt      180
gottgtatat tatttttgcg ttacagtgga tcattctagt aggaaggagc aataagattt      240
tttaacaaaa atgtgtcatc ccagcaagag atgttatatt cttttctcat ttcttcccca      300
ccaaaaata agctaccata tag                                     323

```

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<210> 562
<211> 340
<212> DNA
<213> Homo sapiens

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```

<400> 562
ggaaggggtga gattttctac tgcattagtt gaggcaatat tagctataac aaaacagatc      60
aaatagtgtga taatgactca ttccaaataa acattttgtt ttcattattg taactattgc      120
agggttgtag gggactttct cctccttgca gatattttgg aatccacctt tgaagatggg      180
aatacaacat gtgacttata agatttagta aataggggaat acagagggca aatggaaatt      240
cagtagggcaa caaatgggtg ccaatgttat aatcattcat gtgaagtttg gtaaatatcc      300
cactccattg tttttatagtc tgaacacttg atttttacata                                     340

```

```

<210> 563
<211> 321
<212> DNA
<213> Homo sapiens

```

```

<400> 563
ataaacaccatg gtcattttta ggcattgtatc attcatttac tcattagtttg gtttacttaa      60
attatcagga atacaatggt gcaatgatgc ttaaaaaaca cttgttagtt ttccctgtac      120
caggcaatgg ttataattaa aatgatatgc tgttgagaag ccactcttaa gagtccagtt      180
tggttaaatgt tatgggcagc taccaaaatt ggggtgtctct tgtatatatt ttgtgaagaat      240
ctcatttttt atgcttgaaa galttgggtga aaagaatgtg gttgaccata attttgcaaca      300
ttgtcttatt aaaaataaac t                                     321

```

```

<210> 564
<211> 327
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

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<400> 564
aagcccaaat tttaatgcac ttctgacttt aaaacttggt atttattata tatcctttga      60
cctccttaga actgacattt aactccctaa aaaaatacta gagctttgta gtcaggcaaa      120
ctacattttc tagacttact agtactctca ttgaagaaac agtgagtata ttatgcattt      180
ctcacattgc tatccagaca caccaaagtc tgnggaattt attatttatt tattttatctg      240
aggcagatgc ttgctctgtc acccaagctg gagcgcagtg gcgcgatctt gtctcattgc      300
aaggtcgatt ctccaaagtc aagggtg                                     327

```

```

<210> 565
<211> 193
<212> DNA
<213> Homo sapiens

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<400> 565
 caaataacctt ctgtgcaaa atagactatg aataatgact ttgttttctt ctatttattc 60
 atgggtcaggaggagacatatt ttcttctctt actatcatct tgcgtgcaaa ctctcttgagg 120
 ttaacttggt tatatagctt ttactttgga aaggagagta gttaaatctg accaattttaa 180
 ttgatcagaa aat 193

<210> 566
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 566
 ggctgtctaca ttacaggcgg tcaactccgtt tctgtctctt ttgttttggc acctgtcagt 60
 ggatggaaga tgaagtttc aaagctcatg gtaacagcag gggtctctac cccagggggtt 120
 tctacctgtg tctggcagtg cottaagagg atgatccaga ggcttcggag gagggcgagc 180
 tgggaaggag caggtagccc aagctcccat ctcccaccca atcgctcggg cagcttggat 240
 ccacgttaaca tcttgtcatt ctaaatatgt cagatttaac ttggaaaaa aaaaaaaaag 300
 aattccactc ctaaaaaatt ttactaagaa atat 334

<210> 567
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 567
 gactgtatct cattggggat acgaagctct acacacttga agatgggtgaa ggaatataaa 60
 aatctatgtc tcacagttcca gacttggagt acaagtaata agaagaataa aacttaattcc 120
 ctttaagtga ttaccataaa gttagctcag agcaattcca gtgcaagtat ggtctgtgat 180
 ccagtagtat cttacagaca gcaagttgaa catttgggga tgcagtgcgt attgaggcct 240
 ttgcagcttt ctgctacatg gaggttaggg ccagagtcga gatttatgct ttgcagcaca 300
 ctggtcagct gtttttgc aaacaa 326

<210> 568
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 568
 aaataagaaa atgtaaaggga ctttgacaaa tgtaccggct cagaacattc tgagaagaca 60
 attttttaat gtaaaggatga tgattgaata gttggatatg tgcacgttta gcaaaaaatgg 120
 gttaggcaca gtaaagagta ggtattttat tcagggaagaa tagaaggcaa ctataggggg 180
 gagtctggcc tgagtcttga catttgatag aaatgattgt gttttctttt tttttttttt 240
 tgagattgga gttgggtttt gtctctcatg ttggtagttt ttgggacttt ttcttggggt 300
 acacattctc tagttctctg tagtgtgag 329

<210> 569
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 569
 aaacatttaa atcttccttg gggaaaggta catcatccag agatgcaata tttaaaaaga 60
 atgcccgcga ttcatataaa cattatgagg cgtatcagaa ataagaccaa ataaccataa 120
 ccataagaaa aaagacaag gaaaactcac agacgatgg ctaattgagac tatcacagat 180
 aatttttttt aaatctatta ttaacatggt caataaaaa atgaaaagat ggagaatttt 240
 attagagaaa tgggaattct aaaaatgaat tacttgaaaga gtgtgctaaat gaaatgtaga 300

ataactgttaa gtgaaagcac agttggtgta acagcgg

337

<210> 570

<211> 330

<212> DNA

<213> Homo sapiens

<400> 570

tgatagttaa gatcaattaa ccaattagtt acccattttc atttttcctg tatattcttt	60
gtagatcact tactaaaaatg attttctaaag accttcactt tcttaagtaa agaaaaacaa	120
tttgactgag acttggccat ttagctaaaaa tctaaaaagac ctatttaatt taaagtataa	180
gtcaagcaga gatcttatct tctgtccata aataataaga atgattgttt ttcgctaagt	240
ggaaaaagtg agatgaggca agaagttgaa gaatgcctag ccaggtagca tatgaagcct	300
acaagtgtcc agccgtgggt ctgatgaaaa	330

<210> 571

<211> 185

<212> DNA

<213> Homo sapiens

<400> 571

acgacagaag gggggctacc cgggctactc ctgctcagca tggctgcttt agtgactgtt	60
ctcttcacag gtgtccggag gctgcactgc agcgagccg cttggggcgg cgccagctgg	120
cgactacagc agggactggc tgccaaacct tcggctacg ggccccctac cgagctccca	180
aactg	185

<210> 572

<211> 339

<212> DNA

<213> Homo sapiens

<400> 572

gaacatcaca ctccggggac agattttttt ctaacctagc cgcacaactg ctctaaggtt	60
ttatacagac cttctgcctc atcagctctc atctcatctc atttcatgct ggactctaaa	120
atgactctgc tgcaggaaca cacacactgc ctgacagggc tatcttaagg gcctttataa	180
ggaagcagat gggccaggac aggggctcat acctgtaac ccagctactt gggaggccaa	240
gatgggtgga tcacctgatg tcaggagttc aagaccagcc tggccaacat ggtgaaacct	300
catctgtact aacaatacaa aaattaacct ggtgaggtc	339

<210> 573

<211> 331

<212> DNA

<213> Homo sapiens

<400> 573

cctgatatac ggtgatccac cgcctcggc ctcccaaagt gctgggatta caggtgtgag	60
ccactcgcgc tggccaatc tccttttatt ttaaaaagga caagttagac actagtgtgc	120
atgcatagct tattgattat cgtgcagtgg ggtcatagct cccatttgt gatgcgggaa	180
gattgctgtt ggaatcacia gacctcttcc aatgtctctg tatgctataa aaagaccaga	240
acttttacct tttaaattaa aagaatgtct gtgcattttt aaaaaataat aaaacaaaaa	300
cagtagttgt ggcagtagta gctggtagtg g	331

<210> 574

<211> 339

<212> DNA

<213> Homo sapiens

<400> 574
gcatagaagc taagaaatag taaaacttat gtaatcacat tatgcttggt aaactgtttt 60
cttgcaaacaca aaggattttt tctcttattt attgtgttga tcatgaaaaat agtatctcta 120
ccctgaggtg ttacaaaaaa ttaatcaagt cagcatgtat actgcatatg tgtcttctgg 180
aatatttacc atttaacaa gaacctaaaa aatatataac ctaggctcca aaaaagtaaca 240
tcagtgggta attgtcaggt taaagaaaag taaaataaag ctgggcatgg tggctcacgc 300
ctgtaatccc agcactttgg gaggtcgagg tgggtggat 339

<210> 575
<211> 205
<212> DNA
<213> Homo sapiens

<400> 575
gtgttctcgg ccctagcgt ggtaggtgag ggggtgccag ccccgctggg aagccccagc 60
cacaccocag ggtgtttgct gctctgaggc ctgggcctgc ctgggtgcta ggcttggggc 120
taggggggag agcgcggatg tttctaaagc tgccttgtca cgcccactct agtgtgctgg 180
actctccctg agatcccgct gctgg 205

<210> 576
<211> 281
<212> DNA
<213> Homo sapiens

<400> 576
tgtttgcata taccocaaatt gaacctcaat aactttccaa atggagtcct caacagtaag 60
ttgaagtcca atattgacaa agcattaacc ttctagtgtt attttagcat tggcctaagt 120
ttagcacttt ctataagaca aatttcagtt actacatcat acctcattac tagctgttgc 180
ttgaagtcaa catgttagtt tatctatttc aacctgttcc agtaaatat atgcaagtgc 240
agaaataaaa aaaaagtata tactattcaa tctctgagat c 281

<210> 577
<211> 189
<212> DNA
<213> Homo sapiens

<400> 577
tcaattatga aattactcat ttaattgtat tgaaatatgt gttattttaa tctctatctg 60
taacctcagg gtataacaat atgtctatag tgaggtaata atcatttaac ctggcataat 120
atcaattatt ttagaaaata tgtaactgaa aactcttctt ttctataaga gtgggggaaa 180
catctgatt 189

<210> 578
<211> 331
<212> DNA
<213> Homo sapiens

<400> 578
cataattcag tttacagcaa gaagataaat tatttttgcg tggaatataa taatatctga 60
aacctccaca ggtcctttat acataacatt ctacotacaa atagagtcga ctacacatgt 120
gaagcagcaa tgtcatatga ccaataatca agagagaaaa aaaagcaaaa caagcaaat 180
gatgatctgc ataattgaag ttaacagaca agaactttaa aacaaccata attgggactt 240
ctggatagct aagggcataa cagctgcacc atttagctat atgcctccct gtatctctc 300
ctaaagaat taaaaccaac aaaaaatggg g 331

<210> 579
<211> 325

<212> DNA
 <213> Homo sapiens

 <400> 579
 ttgtaaaaaga gttcttgaga tacagcactg aatgtaaagg aaaatattgg agcattcaac 60
 tacatttgag aaataacttc tgtttattaa aagatactat aagaatgaaa gcacaagccc 120
 taatgaatat tcttgtttga tactaaacca aagccttgaga agtggtagtt tcgcaagttt 180
 ttcaagtggg ttggtgcaat ctgaagactg caatcccatc aatgaacttt atactttac 240
 ccttataaat tataatttat gggcggggcg cagtgggtta cgccgtgtaat ccagcactt 300
 cgggaggctg aagcgggtgg atcaa 325

 <210> 580
 <211> 333
 <212> DNA
 <213> Homo sapiens

 <400> 580
 agtgtagtgg catgacctct gcctcccggt ttcaagtgat cctcgtgctc cagccacctg 60
 aatagctggg attacaggcg tgtgccagct aatttttga ttttttagtag agacagggtt 120
 ttgccatgat tgccaggctt gtcttgaact tctgacctca agtgatccac ctgctccagc 180
 ctctctaaagt gcactattta tgggtgagggg ttggttttga aatagtcctt taagggtgatt 240
 agcatttgct ttgtataaag acgattttac ggttggctgc ttttggtttc atgggagata 300
 agtccccac ttctgctatg gcttaaatgt gtg 333

 <210> 581
 <211> 340
 <212> DNA
 <213> Homo sapiens

 <400> 581
 tgaagattaa gaggcaggga ttcaaggctg aggaagcaac atgcacaaac aaagtacaa 60
 tatgacacct tcaagggaaga ccaacaagggt agaaataggc ctgaaattcc aggtctatta 120
 gacagaattg gaggagatca aacagtaaac agattaggca gaggtagggg agatgaaaca 180
 gtaaaagtcag aggcagagctc aggaagaatt ttaaaggcca gtcaaacatg gcacaggggag 240
 ccgtaaatga actggtaaat taagatcacg ggctctggac catacagcct gagttcagat 300
 ctctgtgtcc ccaacttecta ttgtgaggcg ctgggactac 340

 <210> 582
 <211> 315
 <212> DNA
 <213> Homo sapiens

 <400> 582
 gatgctaagg tcaatggggag caacttaggt taaaggggtat ctggagtgcg atgagcagct 60
 agcaattttta aataggggtgc tcaagggaagg cctaatttaa ttttcattgaa cagcaactac 120
 agagtttaag agatgacaag aggtaatatc tgacttttat gagaaactct aaaaggataa 180
 atgcataagg aaagggtcaa acctaatatt aataagtaag acttaagaa ctaaatatgc 240
 tgctatcaga tgctttttcc ctgaaccatt tatttttaaa tctatgcata tttatagaaa 300
 tattaataat gtcac 315

 <210> 583
 <211> 336
 <212> DNA
 <213> Homo sapiens

 <400> 583
 cgtacaagac tcaggatggg cctacttcca gctaccattc agtataggag agggaagaga 60

aggtgtgagaa	agcccaagga	tggatctgag	ggaggataac	agaaaaactag	gttcctaact	120
caagatgagaa	taaagttctc	ctttcttagta	tttatcttga	agaagtcagg	gaatcaagaa	180
aactctctgaa	cacttatata	actgctgata	agactgtaca	ttagttcagc	ccctgtgaaa	240
agcagtttgg	agggtttctca	aagaaacaaa	aatataacta	atattcaacc	ccagaatccc	300
attactgggt	atatacccaa	aagaaaaata	aatggg			336

<210> 584
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 584	
agagccaacc	tgtaactgct gatttagtta ctctatttag tcattttctag gtggagacct 60
atatcttttag	ccccagagac tttcttcctt ctaagggtggg acaggaaaaac cacgtgaaa 120
gcgacatgct	atcagagggcc cagagaatct ggagatggca gaaactctgga cacatagaaa 180
aacaggggcgt	ttggggcgcg gtgcggcggg tcattgcctgt aatcccagca ctttgggagg 240
ctgaggcgcg	cgatcacga ggtcaggaga tcaagacctt atcggctaac acagtaaaa 300
cctgtctcta	ctaaaaaacac aaaaaattag ccaggcggtg t 341

<210> 585
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) .. (331)
 <223> n = A,T,C or G

<400> 585	
gttataaatt	taagcaacat aaacaagtaa gaataaatat tttagaagt cgtgttata 60
tttcttggtt	taagtgtgag attgatatat gttttctatc atactaataa acaacttgta 120
aatatcaaat	gcttcataat ttagaatgt aaaaacatgat aatcaaatcc aaaagtaatc 180
taaacacatt	aaaaactaaa catatttagg ccagggtgag tggcccaagc ctgtaatccc 240
agccctttgg	gagaccaagg caggtggatc acctgaggtc aggagttega gaccagtcgt 300
accaacatgg	agaaaccctg tctctactaa n 331

<210> 586
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 586	
gagtcctttcc	aaacacatcc agtgggtctt cttttattta ctacagctttt tgtttgtttt 60
tctttttacag	gaactataac atttactatt ggcaaacctcc aacacatcc tcagtaattt 120
gggatgtctg	tcaataccat cgttctgatt tctgaaaatt ttcgctgaat gtgacatttt 180
tcctctcaaa	ctaacccttc cacagacaca cccacacaca caccacacac acatgcatgc 240
gtgcacacac	agacacacac gcacatacac accacataca cgcacacaag gcacatacac 300
acacgcacac	acacatgcac acacgtgcac acatacag 337

<210> 587
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 587	
gcatgccctt	aggagggtgg gtgtgatcag ttttttaaca atttttaaag cttaaggatt 60

[illegible]

<212> DNA
<213> Homo sapiens

<400> 603
aggattttaa acatttctctg cagagagctc atagctgggt ttatcttata gattaaaata 60
aaaaggagct accagaagggt ctgtgtgtcc aatacacttt gttaccatct atcaagtcta 120
ttttcttaag ttgtcagagc tgtttgcatt cataataata gctttatcaa gaatcagctc 180
ctttttctagc atcaaaagatt aagaatttag gccaggcgca gtggctcacg cccgtaatcc 240
tagcactttg ggagactgag gcgggcagat cacttgaggt caggagtcca agaccagcct 300
ggccaacatg gtgaaacctt gtctactaaa aatacaaaaa tg 342

<210> 604
<211> 317
<212> DNA
<213> Homo sapiens

<400> 604
ttgtattagg taatagaagt taggatttca gaacgtcatg ggagacctgg gggagactgc 60
ttgttttgaa gttgaaagca gtacattcaa atatgtaagt gacagcatag aaaaatgtat 120
ataggggttaa cgtgcagagg tctgtattta gggtttctctg taagttaa tctctgtgtt 180
taaaacaaat attcggataa gaataacact ttaaaacctc tcaagggctg ggcattgtga 240
ctcatgcctg taatcctagc actttgggag gccgaggcag aggaatcact tgagcccagg 300
agtttgaaac cagcctg 317

<210> 605
<211> 316
<212> DNA
<213> Homo sapiens

<400> 605
ccttatatat gctgtactga agacatacta tcacattaac gttgcgttta tgtctatgctg 60
tgagaattgt atttctgtgc ctaagaactt tgggggagga atcattattc ctgctctgat 120
attgacgctc tctctttcaa cagaaatgga ccttttcaa tattgaatgg atctcagaga 180
agataatgac ggaggctcta gatctctagg actgagagaa cagcgttagc acatggggta 240
agatgggatt gcatctctca aacatgacac ctoctgccta cactgaacta accggccatc 300
aggcttttga aaactg 316

<210> 606
<211> 340
<212> DNA
<213> Homo sapiens

<400> 606
gaattgtcct agattatcta atccgctagg accagaagag gaatttctgg gttattgtgg 60
taaaagtttca tgtgatgaac catccttgaa ttctctcaga ataaacacca catggcata 120
acatgttaat tttattattt ttttgtgagt gtgagacgga gtttcaactct tgttgcacag 180
gctggagtcg aatgggtgcaa tctcagctca ctacagctc cactctcctg gttcaaggga 240
ttctcctgcc tcagcctcct gagtagtga gactacaagt ctgtgccacc acacttggct 300
aatttttcta ttattagcaa agacgggggtt ttaccatatt 340

<210> 607
<211> 241
<212> DNA
<213> Homo sapiens

<400> 607
ccttagaact atctattaaa ttctatcaca ggagatcatt ggatcacaac agggcagtag 60

tttctgctga taagagtata gaaatattat agagatgtct agttaccaac acgataggaa	120
agggggcatt atcagcccttt agtgatgagg accaaggatg taaaataccc ttctgtgcag	180
gacagtagct cagaaggaag aattctgctg taacctccag gtatctgata agtgaaaagc	240
t	241

<210> 608
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 608	
aataaataaa ttatgtatcg tcggagggtt ttactgggga gagagctgta ggtaattgtt	60
gcaccacaca gatgctccct ccaggactga aggacttacc cctccagctg ctgggattat	120
agttggctga cactctccag cagctggcag ttccaggaa ctgcctgtgg ctgaagagaa	180
ccaccttact caaagttcta cctcctcct aggggcagct gcattccaatg actggcctat	240
gtggagggtat aaatccatct tgccaatatt catacttatt tacataattt acaatattca	300
tacttaaaga atctgggccc	320

<210> 609
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 609	
accctttgat ttttttctat cccacaacaa tggagccagt tttttttttt tttttttaa	60
tctgaagggt ctctgggttt cacttaaaag gaaggcaact caaactgact taaacgatac	120
ttgacaaaaa aggggggttt tgtttttctg cattggggcg atggctttct gcttttataa	180
ctgggaagatc cagggatggg ggggaaatca agattgactt gccttaactg ctacg	235

<210> 610
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 610	
aggacggctc tgtctggaat ctttgaggcc ggaataacag gagccctaact gtgactttgg	60
actcggaatt acctggaat cagtgaattt tgccccacgt tatgaagcta tcaatttcca	120
aagacagtta aaagaccctt ggctcaaaat ggatagttaa catgacccaa aaactaaaac	180
tgacttttga gtaactgtat agacagtcac taactaaaac taagatatata tttctttttg	240
ccagtagtgc tttgttagct tgtgtgccaat aggggtgagc tcagtgggtat tctgacaacc	300
tatgatttcaa cccttccat taaaaaccac agtctctgtg t	341

<210> 611
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 611	
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt	60
tttttttttg gtaagtaaa ggaattagta ggggtttccc tgttctattt actaatagaa	120
atcgataact gcgataacct cactaatctt cacatctttt atccaatttt atccattcat	180
actataaatg attattcatt accttccact ctgcaggag atggcacaac caaacacaca	240
tatattctct ctcttctct ctctctcttc ctctctttct gacacacaca caaacacaca	300
cacacacata tcagatgtta aagaagtcca catg	334

<210> 612
 <211> 332

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<212> DNA
<213> Homo sapiens

<400> 612
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt      60
tttttttttag gtaagtaaaag tgaattagta ggggtttccc tgtttctattt actaatagaa      120
atcgataacct gcgataacct cactaatctt cacatctttt atccaatttt atccattcat      180
actataaatg attattcatt accttccact ctgcaggag atggcacaac caaacacaca      240
tatattctct ctcttctctt ctctctcttc ctctctttct gacacacaca caaacacaca      300
cacacacata tcagatgtta aagaagtcca cg                                     332

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<210> 613
<211> 331
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

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<400> 613
ctcccagagt agcgtgagat tacaggtgtg agtcaactaca cccagctaat tttttttttt      60
taaggggaga tgggggnccta ctatgttccc caggctggcc ttgaactcct ggcctcaggc      120
agccctcctg cctcaacctc ccaaagtcct ggaattacag gcgtgagccc ccatgcccg      180
ggcattcata tattatacac aacaaccgcg aggcctccatt catggcacgaa ccccattgt      240
cttcggccct ttccagccct gcgtcgcgat cattccctct atctcgggaa cccgcgcccc      300
tccccctttt caagatggtc caccctcgc c                                     331

```

```

<210> 614
<211> 326
<212> DNA
<213> Homo sapiens

```

```

<400> 614
taatttctgt gcccttttac tcaaagatag gacaagacaa agaaaatgaa aacagacaca      60
aactccaagg tccatgaaac cagaaactaa tccatgaacca tgtaacaaaa atagaagct      120
tatcaagta gttataaacca ctctgcata aagcagcata taagtccaaa tgcctgcaga      180
gatactctgt ggactcagaa cagcacaggg actagagcac gctgtttcaa cctgaggcct      240
gtgggccaca tgtggcccac gacagctttc aatgtggtcc aacacacatt cataaacttt      300
cttaaacat tacaaggttg ggcga                                     326

```

```

<210> 615
<211> 304
<212> DNA
<213> Homo sapiens

```

```

<400> 615
agggtagaac ctatatgttg ctattgtatt gctatttacc tacttaata actcttactg      60
tagtatgtat tgcctcaagg cagagattgc gctgctcacc tttgtgatat cccacttagc      120
atagttttta agcaaatagt atactctttt catatatgct tatcaagtaa atgaatttga      180
ctctacctcc tattgaacta ttcagaaatt catgtttacg atttttagcaa tgagaacacc      240
aagactttac tatagagtat cagagataat acaactaggg agtagactta aaataagaca      300
ctcg                                     304

```

```

<210> 616
<211> 321

```


<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 616
 gaggtttcat ttgtggtgac attctctccc aggccacaaa acatttctgt ctcggaacct 60
 tgcttactaa ttgtaagaac ttaccagta agaacttgct ttaaaaactt agcattcaaa 120
 aaaaagctc tctttaaaag ttatttgatt ttcttggttt tttttacc atgctatatt 180
 ttgagtttca cctaaaaaac taaggttatc ttacttaatt gctttaaatt tatacattta 240
 gtcacattca acaatttggt gctaatcatt ttgccagatg ccagggtttt ccaagaagtg 300
 taggatccca tcttgaatc n 321

<210> 617
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 617
 cagatccaca cttcggatga aaatggctga aaaggaggca gagatggcag aagactaaag 60
 gaagcgcgcc agctgtgact tgacgcccat tccaaggcca gtgtggctct tbtgagacca 120
 aaagaagagt aggaatgaac gcgggggtcc tbtgagcagc ggtgtgcttt gctgagcttg 180
 gtgctcttag aagaccagcc acttttgtcc ctgcagcccg gggccacaga gccagacac 239

<210> 618
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 618
 gatacttatt ttgctatcca cacttgatgc aattgaattc aaggtgcaaa gtcttgatct 60
 gaagcagctct ccttggtgct tggagaacac ctcttcaga gccctttggt aaataagagg 120
 ggcgacgttg atcatagatg ccacctgggt agcaccgaat ctgactttgg tgacagtcct 180
 aaagcacagc tgggtattgt gagatctggt agcggcaggc tgagcagata ctacttggtt 240
 ttgcttggtta tgagactacta ctgtttgctt agtatgagat tttttccage ctgtctctta 300
 aactcctggt acatctt 317

<210> 619
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 619
 cggacctatc cgtattgcgg accccaaaagc tcttcccggt gcctttcttt ctctttgaca 60
 aagcatagct aaggttagctg ggaagaggtgc caagagagag aagagagaga agcgatccag 120
 aagagagagc tcccaacctc gctgotgact ggctgcgac cttcaggcct gccctttaca 180
 ttctctgcc ctctcccaat tattactaac acatgagtct gacatacagc gagctccaca 240
 gaggaagac ctgtattctc tggactatgc agaattgatc acggacagag tgataggagg 300
 ctgagtcacac actctgga 318

<210> 620
 <211> 317
 <212> DNA
 <213> Homo sapiens

```

<400> 620
tcccaccgga cccaagcacc tgtactttgt cactctccca tttctggcta gaccaggact      60
ccctttgaca tctctaacct tgcagagggt tgactctgcc agagcactct tagatgtcgt      120
acaggtgcgt ttgaagcctt gtattttctc ttaaaagata actggcggtt aatggagcgt      180
gctgaactcta ttgctaaga gaaagaatag gctgggcgcg gtggctcacc cctgggagcc      240
actttgggag gccgaggcag ggggaatacc tgagggcagc aagttgagac cagcctggcc      300
cacatgacca aaccccc

```

```

<210> 621
<211> 315
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

```

```

<400> 621
gtagatcatt ttatttctct ttaatgttta tactgattac tgttacatta gctggatttt      60
tcaaaacaat gttgaagagt gatgacagac gtgactgtct tgttcttaac ttctcatggaa      120
gtaagaatgc aaaatattaa tagggaatag tatccctat tagtatgaca ttactttttg      180
gttattagta ggtagtcatt aacatgttta agagtttccg ctattctctgt tttatagtgt      240
tatgtcaga agtggttctt gaattttata aaatgccttt tcagcatcta ttgatanaat      300
tgtatgattt ttttn

```

```

<210> 622
<211> 342
<212> DNA
<213> Homo sapiens

```

```

<400> 622
aaagtgttca gtccatagatg tttaaactcct tagctacttt tgtaccagggt atcaaaactga      60
ttgaaagtaa atgggtttatg tgggtcaaaa atgaggaacc aggcctttgcc attaaagcttg      120
attcttctaa ctctagctga gtcccacctg gctttttctt ggcttctgta atcatgaact      180
attccaata gccagtggat ataaggagtt atagtagaac caatggatgg tttatagttg      240
agaccctctg cattgtatgt tacctatttc aagatttaag agtcattgct gggcacgggtg      300
gtcacacct ctaatccctag cacttttggga ggccaagggt gg

```

```

<210> 623
<211> 339
<212> DNA
<213> Homo sapiens

```

```

<400> 623
tatatatgat aggaacgtga gcttgaggag tcgcaattgc tggaaattgc ttggggaatt      60
tgccctgccc aaatgaagct cctcttttcc cttaacctag ctctcacaaga ttctctccct      120
tagttgaaga tattactcgt tacctaatca tccaagaaag acctcagaga attactcttg      180
actcgtctct cctcttact cctattata atccccacat agtttgcctt gtgttaaatat      240
ttttcaaaat acccaacccc cattcccttt cctgcttcca cagctgtgat ggaatccctc      300
aaccttcttt tcaatatttc ctgtagattt agacaaaaa

```

```

<210> 624
<211> 336
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 624
 cgctggggag cctctggcat catgctctgg ccagcaaagc cctcgcgga ggggagcag 60
 ctgtgggtgc catcatctcg gacaccatgt tgccttgaga ggcaattgtt ccttccccca 120
 ttccatgggc accttcccag ttatgacaca ggatgatctg gtcccagtcg tgtaatgggg 180
 agtggggatc acagggtggg caatggagga gctctgaaag tggctttgga tatctacta 240
 cccaaaagga aaggcattag ccaccatggc cccaacaaaa ctaaaaataa aaggaaaagg 300
 ggtcaggcac ggtgggtcac gcctgtaatc ccagan 336

<210> 625
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 625
 gggtttctca actggcttga ggttaacaat tacctgagcc atgtattaaa aaatggagac 60
 tccagagtta ctgaagcagc atctacaggg tggggcccag gaatctatat tcttagcaga 120
 tgtgagcctt accatctggc cctttggaaa atgatgcaag aagaaacttc tctgggagaa 180
 tttaactctg gaggcagcag gggagggggg tgatcttgca gaggccttgg catcatctgg 240
 tgcccatgac aagacaagag tggctctggg ttctcttag gcttcccccn atccccctct 300
 cttagaacta tagccattcg tccatgagg teg 333

<210> 626
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 626
 ttaatatagc gaagtagctg tcttcttaca ccttagtcaa tagctaata aacttcttaa 60
 tcatgttaat cgggtatttt taaaatgctt tcagtatagt ttcaatttgc ttaactctta 120
 catgtactgc aactgagtag catttcatac atttaggagc cactgtgttt tctttgaac 180
 tgtctctgaa tgtgcccact tgtctactga gttgttggtc ttttctatca gcaagcgatc 240
 ttgcttttta aaggaaaatta gcctttttaa catgctgcat ggcaactatt tcttcccagc 300
 ttatcactgg agtcccgaatt ttgtttatac tagttt 336

<210> 627
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 627
 caagatgctt cagaactttc tgtatccagt gacagcccag ctgataagta tatcaaaaag 60
 gatattactg taagttagtc atatttgaaa atagctgata tggtagctct tttttattga 120
 gaggagatat acaagattat tcatgatgct ataggatatt aacaattatt tctctcaaaa 180
 ctcttctgag ggaagactcg gctattattg aatgagttct gttgaattct ctctgttccc 240
 tcaattcttc tacctccaat gcataaatat atattgcata ctggccaagt gcaatgactc 300
 acacctgtaa tcccagtact gggagccga gatgggg 337

```

<210> 628
<211> 333
<212> DNA
<213> Homo sapiens

<400> 628
ggcctctact gggaaccacc ttctgcagga cagtcaccag gccagatcca gaaggcttga      60
ggcctctgtg tcccatcctc tgggagaagt cagctccagc accatgaagg gcatcctcgt      120
tgctggatc  actgcagtgc ttgttgcagc tgtagaatct ctgagctgcg tgtagtgtaa      180
ttcatgggaa aaatcccgtg tcaacagcat tgctctgaa tgcctctcac atgccaacac      240
cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa      300
tatgtttctg tcagcggaaa actgcagtga gga
                                     333

<210> 629
<211> 328
<212> DNA
<213> Homo sapiens

<400> 629
gggagcccaa agacagtgc agggcatggt agaagggaact tgctggactg ttcacctttc      60
caggccaccc ctgtgaaagga agcagatgtg ggcaaaaaag agcaactcca ttttccacac      120
agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctcgt      180
ctaaagtgtc agttcttttt ttttttttta ataaaaactt aagttctagg gaacatgggc      240
ccaacgggca tgttggggac atatgaatac atggcccatg ttgctgggct gcccccatta      300
actgggcatt ctaagcaaac tatcgagg
                                     328

<210> 630
<211> 331
<212> DNA
<213> Homo sapiens

<400> 630
tgcttctctg gggctgggag aatgacccta attctgaggt ctctgggcgg ctgtgttctg      60
cctggaaaaa gcatctcttg ccacagaatc gatgttcac tgggagacct tctaggctta      120
agctgccttt tgtctaaga cattcaatat tggatgatt tcttgagctg tgtaacatc      180
acatggctca aaaaactctg aaatgtgcca ggtaaagagt gcaaacgagc caggccagct      240
ggctcacgac tgtaatccca acattttggg aggccaaagga ggggtgatca cttgaagtca      300
agaactttgag aacacgctgg ccaacatggt g
                                     331

<210> 631
<211> 328
<212> DNA
<213> Homo sapiens

<400> 631
gaagcctcta ctgggaacca ccttctgtag gacagtcacc aggccagatc cagaaggett      60
gaggccctgt ggtccccatc cttgggagaa gtcagctcca gcaccatgaa gggcatcctc      120
gttgttggtt tcaactgcagt gctcgttgca actgtaaaat ctctcaccta ggggctgagc      180
aactcactga aaaaatcctg tgtaacagct attggctctg aatgttctc acatgccaac      240
accaactgta ttatctctc atgctcggtc cctcttataa acaccacata atttataccc      300
agattctggt ctgatcacgc gtgaacccg
                                     328

<210> 632
<211> 329
<212> DNA
<213> Homo sapiens

```

<400> 632
 ggtccacccc aagtctgggt tctctcagga gggactcatg aacacgtgcc ctgagcacc 60
 ccaaaatgac atcacacaag ggcagaaaag agctgaagg ggaacgtgaa aggcagaaa 120
 ggagccgtgg ttgccaggca accagcccta gccacccttt gttgtttgg tgacagaca 180
 taaagctcgg tcaggggcgc ttggccacgc tcatgccttt tctctcaca agttgtctct 240
 ttgagtcagg gtgcagctct ggtcacctgg cggcctcttc agctcagccc tccacaagt 300
 gtgagctcga aggaccaccc tgaattgcc 329

<210> 633
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 633
 agatctatta tatcttaac tctttccaaa agctattcaa atgaagagct ccttattggt 60
 atcaataata gattattcat tttagttttg aaaatatata tctgcttctt agaatacaaa 120
 ataatgtact ctggtttgtg ttggctatat ttaatatctc ttgattaaaa actgttcata 180
 aaaaagtaat ggcagc 196

<210> 634
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 634
 gggagcccaa agacagtgc agggcatggt agaaggagct tgctggactg ttcacctttc 60
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggt 180
 ctaaaagtgc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240
 acaacgggca tggttgggac atatgtatac atggggcctg ttgctgggct gccccataa 300
 actgggcatc ctcagcaaac tatcgaggg a 331

<210> 635
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 635
 tattcaacca tctaaaaact tgccttcata ataagtatgg atttgctgtc atcataactc 60
 attcgtaggt aatcttgcga gagctgaact ttggaactac tgccatttgg aagggttcca 120
 ttcactctaa gggaaacctg agaattctag ttcatttact ttttattccc ccttttagca 180
 gtaatttgtt catttacctt taatgttgaa aggaagcagg ttgaggccag ccatgatggc 240
 tcacacctgt aatcccaaca ctttgggagg cggagaccgg cagatcactt gaggccaggca 300
 gttcaagacc agcctggc 318

<210> 636
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 636
 ataacaggcc cagactgcct gctgccagca cccaggcatg ctatctgagg ggcctagaaa 60
 tcaacttacc ctgcccacca cagcccatgc ctgagcgcat tatcaggggc ctgaggacaa 120
 gcccaaccoca catgtactac tcaaaacccc acctgcacaa gcattgtgtc cagagggatg 180
 gggattgtca catcctgcat accaccacta catagacaca cacacacaca cacatgcact 240
 cacacattcc aggggctcga ggatgggctt gccagcatg ttgccaccac caccaccagg 300

accacacctgc accat

315

<210> 637

<211> 314

<212> DNA

<213> Homo sapiens

<400> 637

gaaaactatg	gcaggaacac	agtctcacag	ccaagagaga	tccccaccct	tgagaagaca	60
ccttctctgc	tgctgttaca	gccccctcgc	agaggctgca	ggatatcaagg	gctgatccca	120
tgctcccgca	gcgctaccaa	ggaagggtct	tcagaaaaaa	atgctcatga	ggcaaggggg	180
ctgcaaccgc	tgccacagaa	agccagatct	ttctttgcac	cagttgtaca	gtttctgcaa	240
aactgaagac	tgacattgaa	aacgactgct	ggtcagctat	tccttgatca	ctcttagaga	300
gtgtatgtta	ctaa					314

<210> 638

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 638

gacacaggtt	ggagcagaga	aagaggaaac	atagaggtgc	caaaggaaaca	aagacataat	60
gatgtcatcc	aagccaacaa	gccatgctga	agtaaatgaa	accataccga	acccttacc	120
accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa	180
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc	240
tagcagtc	caa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	300
aatgaacttt	aaagaagaag	canaggcact	aggggtgatc	cn		342

<210> 639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 639

aaagaatgta	ctggcctcaa	tttctgataa	ggtatggatg	aaaccttcctc	atgccagaca	60
agaaagcagg	atagattagc	acactatggt	aaaatgtatt	tcttcaaatt	aataaaccta	120
catgagataa	ttcacattag	ccaataaggc	agaatacagt	aaaattatat	aacaataatt	180
atttttctaa	gaagtgagga	aacagatgaa	taaaaagtga	atccctccca	ggaaaggtga	240
acagcaactg	tggcccaatg	tctctgcac	tctggaaata	aggagctgaa	gaggctggaa	300
aggtatatgt	acagaaagct	gatataagag	aagagatgg			339

<210> 640

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 640

tatactatct	ttaactggtt	tttcacgatg	gggcactagg	aatctcgaca	ttaactcttg	60
acagaggact	ctcacagagt	ctgagaagat	atcatcatgc	tgaatctgat	catactgctt	120
tttaaaagt	taaggataag	acatgtgtat	atgtaacaaa	acacattgca	tctagaaatc	180
aaaacttgaa	agtattttcca	gggatttaga	ttagaaggaa	tatttagagga	aaactgaaat	240
ctgagtttaa	aaagatttta	cctttttgat	tgctgcagaa	atgtcctatg	cactcttttg	300
aagn						304

<210> 641
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 641						
aaagggtgg	gagtgaggca	aagatgatag	tgacaatgtc	cgattggcca	ggttaagccag	60
gcctagctct	ttcatctatt	ttgtgctggg	atttcttcca	catgtggcat	ccatctccca	120
ggaggttttc	ctcagctcag	gcaagacagt	cacaagctaa	gatgagtttt	gggaagatgg	180
ggaggttagg	gagaggttgg	gcaccaggac	tctttcatgg	tgccagctgct	ttttctccct	240
gtgaaagaga	tgggaatcct	agcatctcaa	cttgttcttt	tcttacaata	ggaaaaagtgt	300
tcatacactg	attcatctct	aaag				324

<210> 642
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 642						
cttccatgca	ggaatcttct	ctttcagtga	ttctgttgta	tttccagctt	tcctgagcca	60
ttgaggccca	ccatagggtt	ttgcacatag	taagggtctca	gaaaatcaga	gttctcttcc	120
tttttcaact	tatcaccatt	aggccttcca	gccagacttc	atatctttcc	tttctcttcc	180
attcttgggtt	acgccatctc	tctcactaag	agttcttttg	tgacctgtgg	gccaaattag	240
caagatgtga	ccaaagcagc	tgcaatagac	atcagaagac	ccaaacccta	ggccacctct	300
aggtagccg	tggaa					315

<210> 643
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 643						
gaggggtttc	aggcagagga	acagttggcc	aagggaagtca	gcttctcaga	gctcaagagg	60
ttctgtttta	actgtgaatg	gtaaaactga	gaactatata	ctggatacta	cacctggctc	120
ccaagcatct	ctgatatgtg	ctgttcaaaa	ccacaccaga	gaggaagaac	tgctctggta	180
ccgagaggag	gggagagtgg	atttgaatc	tggaaacaaa	atcaattcca	gctctgtctg	240
tgtctcttcc	atcagtgaaa	atgacaacgg	aatcagcttt	acctgagggc	tggggaggga	300
tcagtcctgt	tccgtttcgg	agggtctgaa	tgttactt			338

<210> 644
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 644						
tatctcatag	agtactggga	ttctgaaagt	gaaagggtta	taccagtaaa	aagtatggga	60
gtgctggacc	aagctaaccat	gtacaagaag	aaatatggta	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaaagtt	ggacaatgga	gaatttttca	gtttatcaat	180
attggtgcac	tcttccatga	aggagtattt	aactctgtga	taagtacctc	ggaagaatga	240
agttatatta	gcagctatgtt	ggagcttggg	cactagaagc	atgctgaaag	tgttttccac	300

tttaagtgaag gtagaaatgc taagaggtgg cggggcg 337

<210> 645
<211> 335
<212> DNA
<213> Homo sapiens

<400> 645
gagtagacacg tagccaatgt catctctgtc ggctcggggc tgcctgagcgt ttccgtggga 60
cttctggccc tctctggcgc caggaaacct ctctgccctc cactgcactg ggtctctgtg 120
gcactagctc tggtagaacct gctcttgcct cctgctgctg cctctgggct cctctctgtc 180
gtgtcactca ctgtggccaa cggtagggcg cgccttattg ctgactgcca ccaggagctg 240
ctggatcctc tggtagaacct ggtaggggg cggggacata ctgactgccc ctttgacccc 300
acaagaatct atgatacagc cttggtcttc tggag 335

<210> 646
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (337)
<223> n = A,T,C or G

<400> 646
gacacgcgtt cctcaccatg gctttgatag aggacactgc atctgagata atgttgccag 60
tgattggatc cagttcctga ctgggcttct gactgggttt tggctgggtg ttctgatttg 120
atgggcttca tgtaaacctt tgacacactt ctatgacctt gatcaagcca ttctacacctt 180
attctctgca tttttaccat tagggagaca aggtatagaa tatttacttt ttctacagg 240
agcgctaggg aaattatata acccattctt tctccagtca ctaaggaata taagtctcatc 300
tgtcaaggga aaaatatcaa cctaaatatt gctattt 337

<210> 647
<211> 326
<212> DNA
<213> Homo sapiens

<400> 647
gcgaagctgg ggggactttg ttagccatga aacctccagg ggtgggtgtt gagcttgggt 60
tggttccgct gtctctccct ctgctctcag gggagggtgt gggcctgtga aggcctgtgtg 120
catgtggcag agagaaggcc ccttagggcg gtttaggggc agaagttggc gctgtgtgtt 180
gtgcacggct gtgagttaag cgtaataaaa taaatcagaa cgagatggac ggagaccatg 240
cgctgtgctt tcatctctgt cagccccag ctgaggaggt ttctgacccc cataccctgc 300
ctgcagcctt cgagcaaatg tggggg 326

<210> 648
<211> 321
<212> DNA
<213> Homo sapiens

<400> 648
tctgtcaga ttagattctc gtaggagcac aaacctatt gtgaattgtg catgcaaggc 60
atctaggttg catattcctt atgagaatcc agcaaatgcc tgaatgatcg aggtagaatg 120
gtttcatccc caaacctc cccccccag ctgtgaaaaa actgtgttcc attaaaacca 180
gtccagtcct tggttccaaa atgattgggg gctgcttctc tagccacag ggagtaataa 240
tccttcagta aggtatagtc cagtgcacca acaaggtgag cttctgggac aaaggaaac 300

aagatatgca ctttgagag g

321

<210> 649

<211> 324

<212> DNA

<213> Homo sapiens

<400> 649

cttgtgcaca	cagccaagat	ttcttcaatg	ggtgtgagct	agttgaggg	taaccttcta	60
ggtgtgcagag	tgtatttgtt	tgtttctctg	tttttctctg	tgatgcggct	agtgtcttga	120
ttttgtagga	gggttttccac	tgaagctcat	agttataaac	aaggacatca	ctgctaaccat	180
tggtaatgtt	tctctgtgtc	agctattatc	gtatcaagag	catttttatt	cagccagttt	240
atgtcactac	cttatccata	gtttctgtct	tatatattta	tggaaatgct	tttttctctt	300
attgggggca	ctacactttc	tttg				324

<210> 650

<211> 324

<212> DNA

<213> Homo sapiens

<400> 650

tagtattctt	gtcttagtta	gcaatggaaa	aagaaaagaa	gcaacttggt	aggaagaaag	60
gaaggaagga	aggaaggaag	gacagggcag	gccagggagt	ccaaatatc	cagatgatgg	120
tgtaagcagg	tacttaagt	aggagagtg	aaggaacaat	tgaatatagc	tcaaggtagt	180
gacactaaaa	gagagaattc	taataaacat	ttccaaatag	aaaatatagt	taaaccattgc	240
gaaaactctg	cacactctga	aaaaaaagaa	gattctttata	gaatctctac	ctaagagaaa	300
cacacacaca	cacacacagc	caca				324

<210> 651

<211> 334

<212> DNA

<213> Homo sapiens

<400> 651

ggccgaggcg	ggtggatctc	tgaggtcagg	agttccagac	cagcctgtac	tctaccctgg	60
gccacagagc	aagactatct	caaaaaaaa	aaaaaagggt	gccccgaac	cttttttttt	120
ttaaaaagga	actttttttt	tgcccccagg	ttgaaaaaaa	gggggcagac	cccccccaa	180
gagaatttcc	ccccgggaaa	aaaggggatt	cttttttctc	ccccccgggt	gagtgaggaa	240
tdagggggcc	tgccccccac	ccgaaaaaat	ttttttaatt	tttaaacacc	ggaggggtgt	300
tcaaatgggt	ggccgggggg	tggtgaacc	cctg			334

<210> 652

<211> 338

<212> DNA

<213> Homo sapiens

<400> 652

agcgcctctg	gtacaggtctg	ggccccgcct	ctgtgggcac	tgacaagagg	cccctctggg	60
gcaggcaaa	ggcatggttg	tgggtggggc	tcccctgtga	ggacattgag	cacagctgtg	120
gcattgcgat	tcagcaggaa	atggtcaggg	gcattgagctg	atctgtctat	tgcttctgag	180
ctcacagtgc	cctgaggagt	acgggtgtca	aacctcatga	gcaaggtgag	gcctgtcaag	240
agagccatgt	gtgctcagca	gaccaggct	gcagggcagag	aacagggtct	cctcagcctg	300
tgatagggac	cagtcagggtg	caggcaagaa	tctggggc			338

<210> 653

<211> 333

<212> DNA

<213> Homo sapiens

```
<400> 653
gctgcctgct gcagcctggt ttcttgcttg gactctagta tatatttgct aaatctccca 60
agcctcagtc tcactatttg caaaagttag ttttaagtct ctttgccctg cttgcctcac 120
aggatcttcaa catagacgta agatcaaatg caatagcatg tcaacaatg tgtaactcca 180
gttatacaaa cattactgta tctcattggg gatcgaagc tctacacact tgaagatggt 240
gaaggaataa aaatctatgt ctcacagtcc agacttggag tacaagtaat aagaagaata 300
aaacttaatc ccttaagtag attcaccata agt 333
```

<210> 654

<211> 212

<212> DNA

<213> Homo sapiens

```
<400> 654
gctgcctgct gcagcctggt ttcttgcttg gactctagta tatatttgct aaatctccca 60
agcctcagtc tcactatttg caaaagttag ttttaagtct ctttgccctg cttgcctcac 120
aggatcttcaa catagacgta agatcaaatg caatagcatg tcaacaatg tgtaactcca 180
gttatacaaa cattactgta tctcattggg ga 212
```

<210> 655

<211> 332

<212> DNA

<213> Homo sapiens

```
<400> 655
gcacatcagc gcagatgggt tgctgttagt aaactagcca gtctcctgtg cccccagcct 60
cccttttttg gctgttttcc ccatttccat ggaacccttt cctctgcgtg oggggcctag 120
gagccatctg tctacaaaac tagtggtgaa gaagaactgc atgatgccct gggtcatcag 180
cctagagagg tgggcagcac cctgcaattc ccgtcctaga ttcacactg cttttgtaag 240
ctgcttttgc ctgtgcttct cagccttggt gaagtcactc gcattcacag tggcttgccct 300
tcgcccccca cccctggaaa aagtccttgt gg 332
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<210> 656

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

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<400> 656
tatcggtctg tagaagcaga anaagggagc agggcttctg gggaggggac ctgggagtgca 60
agatgaaagg tcgcccgcg cgggtgatag tttactggat tgtaaccac agaataaaaa 120
gccacagacc cacagtgcgc cacacgaaca attcgctgag tgaagagtcg gtgtacacgg 180
agctgcocctt tctccttctt ggccctgggt ggagaatttt tatcacaagt ggggtgatggg 240
tttgtccag tgcttttcca tgcgcgccgg gatggaataa acgtgacgtt tgcctggggg 300
cctgtcagtg tacagcacgt caccgatcat ctgcatgtgt gccacaggacc ggggcagtgca 360
cg 362
```

<210> 657

<211> 350

<212> DNA

<213> Homo sapiens

```

<400> 657
acgacagagg gggcctcctg agtacctggg attacaggca cccgccacca cgcttggtctg 60
acttttctct ttttagtaga gacgggggtt cactatattg gccaggctag tcttgaactc 120
ctgacctcaa gtgatccact tgccttggcc tcccaaatgt ctaggattac aggcattgagc 180
caccacacct agccaggatt cccaatcttt atttgccttg agggctgatgg aaaatttgctg 240
gagttctacc tgggattctt aatataaaat aacatatata catatacaaa tatatatgtg 300
tgtacatata actgtaaaaa atagtgcggg ccaagcacag tggctcatgt 350

```

```

<210> 658
<211> 323
<212> DNA
<213> Homo sapiens

```

```

<400> 658
ggtgcacgtg caccatggtt gccattgcc a cggcatgaa tgcacccact cccttgccac 60
tgtgccacct tggcaccatt gccagcgcat agactcacac cagtggccct gccccatcc 120
catgccacaa ccaccactgg tctggatgtg ggcacaaagg ttggcagccc cacaccggcc 180
agcacccact cccccacact gaaactgcc a tgggtgcaaa tggggcacatg gaccccgatt 240
gccacgtccc cccactgcta gctgccactg ctgctgttgc caatgactgc aaggaagctg 300
gtaatccag acttatcagt atc 323

```

```

<210> 659
<211> 311
<212> DNA
<213> Homo sapiens

```

```

<400> 659
tgctctgtca gcctgattct actcctcggg gaggccctcc cttttcttcc aagtctatc 60
acggctctct tgttccccct gactgtcttc tgtgcctcct cctctgggct gtagtcaact 120
ggataaaaaa ccatctccct cactaggctg ttagctcctg gaaggtaggg acaagagtg 180
gttggatcat ctctgtgtcc ccagggcctc cgttagggcc agcacacagg agggctttac 240
actgaggatg aaacctcaa gaggaggccg ggtgcggggg ctcacgcctg taatccacg 300
actctgggag g 311

```

```

<210> 660
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<400> 660
ataagtgaga agaagagacc cagagaagtc gccatcagcc ccagggtcac acagcagtgg 60
cagaattcct actagccctg ccctctctct tctcccaagc gaatgtccct aaacacagcc 120
ccagccagcc tgagctgcc cgtcatttcc cgactacaag cggactgggg gcgtggcttc 180
cccttaaaag aagaggaagg aggtcagggc gggaagtgc ttggccctgc agccggcctg 240
ggaggctggg gagggaagg gtttctgtc acccggtctg gctctttcca ttgagtcacc 300
tgctctgtct tgggcgtggc caggggagga acagggtgat 340

```

```

<210> 661
<211> 315
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

```

<400> 661
ggcaccacacc accacacctg actaatTTTT gtatttttag nagagacnng nnttnaccat 60
tttggccang ctgggtgga actcctgacc tcacgggagc cactgcctc aatctcccaa 120
ggcgctgaca ctccccgcgc caccactgc gcccgcgga ccccccctcc tcaactgggag 180
cgcgcccacc cggggggcgc ccccccctt tcgcccccca ccccacgga atggggagta 240
aagcgggccc cccgcggccc ccccccgcg aattatcctg gagctcacag agcgaccccg 300
cccgcccccc ccccc 315

<210> 662
<211> 208
<212> DNA
<213> Homo sapiens

<400> 662
ggcggtgtgag cttgggtgtc ctaccaaaagc cagcggttgc gctcgcgtgc gccggcctag 60
tttgcgcgcg tctccacgcg ctttgggttt cccgggtctca tggcgggcct gaccttattt 120
gtggggccgc tcccgccctc gtcccgagc gagcagctgg aggaactgtt cagtcaggtg 180
ggcgcggtga agcagtgctt cgtggtga 208

<210> 663
<211> 319
<212> DNA
<213> Homo sapiens

<400> 663
acaaaaagga tttatatgta ctgttgacac cataaaagat tctgacgaag agctggacaa 60
caatcagata gaagtactgg accagccaat caataccaca gacctgcctt tccacattga 120
ctggaatgat gatcttcttc tcaacattga ggtcccaaaa atcagctcc aagacctcat 180
ctcgacttt tcagcagtggt cctttcttga tgtttcttca gtgaggggccc ttaaatcgat 240
tttgcaagaa tttatcagga tcaaggtaga tgtgtatatc gttggaactg atgatgactt 300
cattgagaag ctttaaccgg 319

<210> 664
<211> 305
<212> DNA
<213> Homo sapiens

<400> 664
caactcgagg agaaaaccaa atctattgaa ctccattgat gatttggaaat gttgatagtc 60
acaagcaaat gtaagaataa gaaagactgc tttctcatga aactttttaa taaaactctt 120
ggaagcattt tcaataccaa ataccctggg tacactgcct cactatcctt agtcatgcta 180
gctttctctt cctgcagta tagatctgcc aattcaaatc tgtatggcac cagggtcggc 240
atcgcagaa tgattcaatt agtaatatgg cattgttaaa atattataaa gccggccagc 300
cacgg 305

<210> 665
<211> 309
<212> DNA
<213> Homo sapiens

<400> 665
catgactgac tctctttttg gcatgtctta gtttaagatc atctcttttag agagagtgtc 60
cttgacaac aaacttaag taaacgctcc ctgctatttt ctccataaac atcctggcaa 120
tagtggcagg caggagagat ttcattattac tgagcagcgg tttgacttga tattagaata 180
tatatttat tgcctagctt tttttttctc atccctaata aagtttaaat taaattgaag 240
attgttgagt ttgaaaatac aggaaggaga gactgtcatg gattaccatc tgatagagga 300

atgtccctg 309

<210> 666
<211> 310
<212> DNA
<213> Homo sapiens

<400> 666
attcatcagg gacccaaacg ttcattgtca ttcagcattc gtgggtctgc tctacccaag 60
aagttttctc actcttcatt ggttctacca agcataagca aatcaaacaa ctctattgaga 120
gaatgtcatc agccaataaa ataagaaact gtccccaggc cctgaatcag ctattataaaa 180
ttgacctctg ggaactagctt ctccctaatac ataaaattat aaaaaagact tagacacaga 240
acctcaagtc tgttttaccg ggaaatttta cacaagtatt ccagaaatca accaatcatt 300
ctaaccatt 310

<210> 667
<211> 311
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (311)
<223> n = A,T,C or G

<400> 667
tctctctttc tctccctccc ttcgctgtg gttaaacaca gaagacagtt gcagagttgt 60
aggtaaaagg gttattttta gcatatgaaa ggacagccca aacagaggat aggccttatg 120
gccaaagtgt gtgctcaata aagagtcctt ttgagccggg cgcgctggct tacgcttgta 180
atcccagcac ttggggaggc cgaggcgggt ggatcacgag gtcaggagat cgagatcac 240
ctggctaaca cggtgaaacc cttctctac taaaaatata aaaaattanc cgggcgtggt 300
gggggtgccc t 311

<210> 668
<211> 308
<212> DNA
<213> Homo sapiens

<400> 668
ttaagatttc ctaattatga atgatttgag gagcttttca tgtgcttatt ggccatttgg 60
gatcattttt agagaaattt ctacttaact ctctcttctg taataaaaaat ttgatgtgta 120
ttgcttacta gcggttttaac ctgcgtactag gtgctcagtc tctctgggag tgaatctct 180
catcttaaca gcagggaacac tcacctcacg aggttgctgg ggtgcataag atgaggtggt 240
acgcattgat gctcaaccca gtgcctgatt cacgggagaa acctaaaaca ttgtttatta 300
ttgtacca 308

<210> 669
<211> 304
<212> DNA
<213> Homo sapiens

<400> 669
tgatccgccc gcctcggcct cccaaagtgc tgggattaca ggctgagacc accgcgcccg 60
gcctgtacca actctttaat gcctcaactg catctctgct tggactttta ctgcaaacaa 120
atatattatg tgatgtttaa aataaaagaa atatgatgtt cagtaataac tgggtggaatg 180
agagaatttg gtcccatctt ctctaataac aaaggagttc tgctctaca tctgagcaaa 240
attataacct ttttaccata aacaactgcg aagagtcaca gcatgaacac cgcagctctc 300

9999

304

<210> 670
<211> 150
<212> DNA
<213> Homo sapiens

<400> 670
taactgggga tatttaaaga gaatttaaga catagccaga tgatctcaca tcattttaac 60
gtgcaagata ttgcagtggtg tgcacagtggt atggaaagggt ctgctgaactc cttatttcaa 120
ggcttgccatt ccagcccgggt ccaccactta 150

<210> 671
<211> 313
<212> DNA
<213> Homo sapiens

<400> 671
cgtgcctata atcctagctata cttgggaggc tgaagtggtga ggaccacttg aactcaggag 60
ttccagcctcg cagtgagctata taattacact actgcactcc agtctaggca acagaaggag 120
accctgtgttc tttaaaaaaa gacaaagaaa aaaagaaaaga gagtgagaaa gagccaggag 180
acatagggttt tagtggctctc gtgaggcata aagtcctggg tgaccccatg gatatttcaa 240
agaggtcttc acatttcctt gtatcacaaa atttgatggg tgactaataa aacatgtaca 300
gatgtgcctt aag 313

<210> 672
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 672
ggagaacctt tgggggttac atttcaatat ggggcaatta ttgtgggcta caagtagggt 60
cgtgcaatta tgggtggttag gatattgagct ggccgaacc acaatattca gacactacc 120
cttctgtctg cccctctcac tatcccaagg gagaagggtt tccaaaattc caacacttca 180
cttctctgta ttaagctgtg aatgcaaaaca attgttctag tcattcaatg tctcttgagg 240
aaaaacaatt cagtgcgaga tctaacatac accatgtcta tcattgtaaaa tttatgccac 300
agaaaaan 307

<210> 673
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 673
caggctgtgt gggaaactgg ctgtggtggg cgggtctgag gtctcaagtc tgacaggggc 60
cactggagcc tcacaactcac caatcaacca agtgtgagag gttgctttgg ttgaatggcc 120
atgtgctggg gtctgactgg cccagccaca gggaggctgg catcccttag ctgagtcctg 180

taccagacc	ctccaggcca	tggagcccat	tgtgaggggt	ctgggtgctga	agtggtgggg	240
gagggccgtg	caggccctaca	gctttgtcat	ctgcaacatt	cctctcccca	ctttctttaa	300
actttn						306

<210> 674
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 674						
tcctttcctt	ttagtcttta	tctcattgtt	atatgtgatt	ataatgttgt	catttatgca	60
gtgtgatgtt	ctatitttaa	ccttaaaatt	tggtacttac	caactttttg	aatatgctgt	120
actgaaatga	ttcatactgt	agcatgtgtg	actcagggtg	gtgaaagggg	gtttgttttg	180
aatancaaga	tgagcatcat	actagtcttc	caccacaaaa	cattccatgc	aacttgagac	240
acagatgaaa	cagccaattt	tcttcttgcc	ttgggggtgg	ataaaggggtg	gattgactca	300
tagagggcct	acg					313

<210> 675
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 675						
tactgacata	gtgacttagt	gatttagtag	tgattatgtg	acttagtgac	atagtgactt	60
agtgattatg	tgggtttttc	caaacaacaa	acatgtgttg	catactttct	gtgatagcca	120
atgagaattt	aaagatacat	agagcataac	tggtgcccc	aagcaacaat	gtaataaaga	180
aacaaatata	tatgaagaga	actgcataag	actgcataat	tgtactttca	tagaagcgtg	240
tgcaaaaggt	ttggtgatga	tactttaaaa	gggaccagag	aagtcatagc	cagggttgat	300
ttccataagc						310

<210> 676
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 676						
agagtaagac	cagtaagaca	ttotcaaaga	gttaatggct	ttttgattca	gagttgcttt	60
cttgggcctt	ttctcctttg	tcagcttctt	tagaaatccc	atgctgctcc	aagttgtttg	120
gatgtttgaa	tatctggaag	tgataagaga	tgacagaaag	tcaaggtata	tgactagagc	180
agcagccacc	aagggtgagt	tcctagtctc	cttaagaagt	gactggtcac	tcaaggtggt	240
agaattaaag	gcatacactt	ggggagaagt	agctacagat	gcagctaggg	catagcaagt	300
tgtaaatggg	cgc					313

<210> 677
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 677						
actgtactcc	agcctgggtg	cagagcaaga	ctccgtctaa	aacaacaaca	actctaccct	60
ctttttccat	tataggcttc	tggcctgaaa	cagggtttgt	atatagcaaa	acatcaaaaa	120
caaagccaaa	agacaaatga	caaactgggg	caaataggca	aacggttaat	atgttaaatg	180

gtcttatata taaataacat taaattgggt ttggagtttt tattaatatc atggacaacc	240
attctgattt ttgcattgag acagtaaccg taacttaaaa tgaccgtagg attgtctact	300
aactaagagt ga	312

<210> 678
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 678	
ggcccccgt gcagccacct gctgcaactg cgcactggga gcgacacgct cgggcataag	60
tagtgccgga aagtttagctg ccgagacctg gtggattgct ttctgtttat cagtgcagga	120
aaacagcgct atagtactgc gtcacaacta gcgcagactc cggcagttat tatgcggtgc	180
ggcttgggaa ctagaatcca ctctctgtct tccgcctcag gctagagggc gagcgcttcg	240
ccgtgggact tctctcgctt ggctccgctt cttgccccgg aagtactcac agcggacgg	299

<210> 679
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 679	
ggcctctact gggaaccacc ttctgttaga cagtcaccag gccagatcca gaaggettga	60
ggccctgtgg tccccatcct tgggagaagt cagctccagc accatgaagg gcctccctcg	120
tgctggtatc actgcagctg ttgttcgagc tgtagaatct ctgagctcgc tgcagtgtaa	180
ttcatgggaa aaatcctgtg tcaacagcat tgctctgaa tgcctctcac atgcacaacac	240
cagctgtatc agctcctcag ccagctctct tctagagaca ccagtcagat tataccagaa	300
tatgttctgc t	311

<210> 680
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 680	
ttccagagta ccaactgagg cccgacttgg atctggtact ccttctccat ttgtgtctct	60
tatatagtg gttccctaac ttgttagcac gtttagctca cctggggggc ttttaaaaaac	120
cctgatgccc aggtcgtgct cttatttaac taagtaagaa tgtctgggga ggtggtccct	180
ggggctccag tagcagatt tgggagctgc ctctctacca ctggccttt cattccctgt	240
gttccctctt gtctacattg gcccccctact ggtcccacct cagggtcttg tctctatcc	300
ccctcgctt gg	312

<210> 681
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 681	
gatgtcttat ttaagatat ttaaaaatgt ttacatttg cttaaaattt tacaattgag	60
aaaacatttc tgcataaaca tcataatcca ttctcttata ataataatc tgtaagctta	120
tacactgaaa aaaatggtag aaaagtaaga aaaactgtct aaggacccac agaccatttt	180
agaattataa tattaattct ggtcttctaa attcagtgca cattgcatta catgacagtc	240
ctctcatcat tttagcaacag agataaaaaa gttggcatcg gggccggggc cgggtggctca	300
cgcc	304

<210> 682
 <211> 302

<212> DNA
<213> Homo sapiens

<400> 682
aagagttaga aagaaaagag gaaggcggga gaaagcgtgc ggaagcttct gggagtgtaa 60
actttcttgc ccttggcgcg tgcgcctctt aaagccccgg tgcgctcccc ctaccccagg 120
ttttcggagg ctcccagcct ctctcgttaa ggcggttccg gccgcctcat ccccgctctc 180
tgccccaccg cacccaaagg gttaggttctg ggaaggacct acgctgggtc ccccgaggct 240
cctcgggttc tgccgatgct ctggccggac ccgagggggc ggctgtgga ccccggttac 300
tt 302

<210> 683
<211> 205
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 683
ggcgtgtgag cttggttctg ctaccaaagc cagcgtttcg gctcgggtgc gccggcctag 60
tttgcctcgg tcttcacgcyg ctttgggttt cccggtctca tggccggcct gaccttattt 120
gtgggcccgc tcccgccttc gtcccgcagt gagcagctgg aggaactggt cagtcaaggtg 180
gggcccgtga atcagtgctt cgtgn 205

<210> 684
<211> 312
<212> DNA
<213> Homo sapiens

<400> 684
tacatcattc aaaactttgt gcagattctg aactctgagg agtttcttga cctgcccggt 60
gacactctgc accacatctt gaagagtgat gacctttaag tgaccgagga ggctcatgtg 120
tttgagaccg tgatgagctg ggtccggcac aagccatcag aacgactctg ctactctccc 180
tatgtcctcg agaacgtgcyg cttaccgctt ctggaccggt ggtactttgt ggagacgggtg 240
gaagcagatc ctctcatcag gcagtgccca gagggtcttc cgctgctcca ggaagccagg 300
atgtaccacc tt 312

<210> 685
<211> 162
<212> DNA
<213> Homo sapiens

<400> 685
ggtccccagg aagatgtccg tcagccccct ggagagctgg ctacacggccc gctgtctcct 60
gccagagctg gataggggac cgcagggact gtggctccac cgcaatccta ccagtgtccg 120
cccagccaga taggggaagg ggcagagcag ggggatgaag gc 162

<210> 686
<211> 292
<212> DNA
<213> Homo sapiens

<400> 686
ctgcatgatt tattgtgcta tctggaaaat caattttttc ttcttgggac cacagaagag 60

tctgtttcaa	aacacatttg	cacccttaaa	gctaacatat	tcagtcttac	tgccctctggt	120
atctgtgaagc	agacccattc	catgctattt	ttaggatcat	ttccagaaaa	ataatttggt	180
tcattgtgga	gtctgtcaag	ctaaatggag	ttattttctt	tgtggagttg	gatgagtaaa	240
tctagtctcta	agaaaatgag	gattttaaac	atttctcgca	gagagctcat	ag	292

<210> 687

<211> 293

<212> DNA

<213> Homo sapiens

<400> 687

ggcccccgct	gcagccacct	gctgcacttg	cgcactggga	gcgacacgct	cgggcataag	60
tagtgccgga	aagttagctg	ccgagacctg	gtggattgct	tttcgtttat	cagtgccagga	120
aaacagcgct	atagtactgc	gtcacacacta	gcgcagactc	cggcagattt	taggcggtgc	180
aagcttgggaa	ctagaatcca	cttcctgtct	tccgcctcag	gctagagggc	gagcgcttcg	240
ccgtgggact	tcttctgcct	ggctccgcct	cttgccccgg	aagtactcac	agc	293

<210> 688

<211> 288

<212> DNA

<213> Homo sapiens

<400> 688

tggttgccca	aggggttaaa	gaagggtccca	tctggccctg	agtcaccagtc	ctcaggtgtc	60
cctgagggtg	ctatcatctg	tgtgggtccac	attcttcagt	tcacatatgt	ccccactgag	120
aaggctgcat	cagccatcgt	gaccaactct	gagtcaggct	tgaggaccga	gagatcagtc	180
atttgactgc	ttctgtgtcc	tgtgggggtg	ctgtttgtgg	caatgactct	ctggaccocat	240
cacacagatg	tcccctctct	gggttcttgt	tgtccccctc	ggactctc		288

<210> 689

<211> 286

<212> DNA

<213> Homo sapiens

<400> 689

ctgaataata	ttattacaga	actgaaaaaa	aaaacccaaa	aatactactg	taagtatatata	60
aaaacataat	tgaatgtgaa	attgttctgt	tttatgtaaa	ttatgtttaa	agctaataaaa	120
ggggaaattg	ataaaattat	aaagaattta	aaaaataaag	ccgggacacg	tggtcacgcg	180
ctgtaatccc	agcacttttg	gaggccgagg	cgggcggatc	actaggtcag	gagatcaaga	240
ccatcctggc	taacatggtg	aaaccccatc	tctactaaaa	aaaata		286

<210> 690

<211> 284

<212> DNA

<213> Homo sapiens

<400> 690

gactgcgtgc	acagggttta	cattttcttg	tgaatctata	atcatttcaa	aatgcaggtt	60
tttaaaaaaa	gtcgttacac	tggaaatgaa	taaaatgaaa	taattgtgaga	aaaatagaca	120
agaggattaa	accgcttatg	cttaataata	ctgagactat	gtcgcagaga	aacttctaag	180
gaatattttt	ggtaagagga	ttgtatctcg	tgcgggtcaa	agatacacga	aaatttgatg	240
ttgttgaaac	ttctctaaaa	atgatacaga	ggttaacaata	tacg		284

<210> 691

<211> 283

<212> DNA

<213> Homo sapiens

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<400> 691
aagaacaggc ggttgctgct catgtagatc tataaatatg tgotgtatgt cttttttgct      60
ttttttttaa aaaaaaagaa caactctttt tgcctcttta aattacatac aagcatcgta      120
gtcttgtagt aaccacaatt ttgtgtgttt atttataagg caattgagtg gggcgaaaaa      180
agcattattt acctgctgaa ttcaacatct tgggaagcac agggaaaaaa ctaggatcct      240
actattattt ttgcggcaga taatgactct agtttgactt ctg                          283

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<210> 692

<211> 285

<212> DNA

<213> Homo sapiens

```

<400> 692
gcctgctacg cagccttaaa acctgaggct ttaagttcct agtattgaga agccccagat      60
ttcatactta ttactctgt tggtttcaact ttctctcca tttttgtctt cttgggatag      120
gctttgtttt attttcaagc tcagctatgt atataaaaga atgctgggct gggcgagtg      180
gctcacgctt gtaatcccag cactttggga ggccgagttg ggcggatcat gaggtcagga      240
gttcgagact agcctgggca acatggtgaa aacctgtctc tacta                      285

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<210> 693

<211> 280

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(280)

<223> n = A,T,C or G

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<400> 693
tttgtagatc gtcctgggta tggattttca gagttggagg atggtctgag ttctgacctg      60
gtgtaggaaat cctctctccc aaaactctaa cagtacatcc tcaggctctg tgagctcacg      120
cttaagacac attattttct gatgctggac agctttctta aaaaaatgta gattcttaca      180
ttaagctaaa attattttta tgaagtttca agaattctgg tccaaattgg gatgaggcct      240
atggtgcagg acctccgtga aattttatga gattacaaan                          280

```

<210> 694

<211> 274

<212> DNA

<213> Homo sapiens

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<400> 694
tggaaggctg gcacgggggt gagggatgaa atactatcta ttgagttcaa ggtacactac      60
tcgggtgatg gatagagcta acagcccaat cttgaccact atgctataca tgcattgaac      120
acaactacac ttgtaccctt aaatttatac aatatttttt taaaaaggag aagatagtgt      180
ttagtcagat gattggtcta aggttagagg ggggtgggta tatttaaaaca gcacactttt      240
gtacaactct ttagatatcc taactaaaga aaac                          274

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<210> 695

<211> 268

<212> DNA

<213> Homo sapiens

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<400> 695
ggctgaataa attttaagta gcttgcccca aattacatgg gcaacaaaag gagctgaggt      60
ggcactaggt agagcgcaac tcgtgtcatt cctgcgcac tttgtgacca tatcacatag      120

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tctttctctgc	cctaccaaaa	taggtattaa	taacagccaa	tatttatatc	attctcttac	180
atgcaaaaaca	ctgctatgat	gcgttatctc	acctgacctc	cacagtgtctg	taagataggc	240
accatgattt	tactcccttt	acacacgg				268

<210> 696
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 696						
ggcacgagcc	cccacctac	cacacattct	atagaactgc	accaacccca	ggaaccgcaa	60
tcagatctct	aaggcgggag	ccgggaaaca	ggcccccgag	ctgccagact	atgccccaga	120
ctaccagcac	aagtttcagtt	ttgacatcat	gcctacggcc	cgcccccaaga	ggaaggcgaa	180
gtgtgcggcc	aggaccccga	tccgtgcccc	cagcgggggtg	cagcaggcct	cctcgccgag	240
ttccctgggg	gcctccctcc	tggctctggac	actggggctg	gcggtcactc	tcgcctgagg	300
accacagcgg	ttagacccea	gcactgccac	atgtccacca	aggaacagaa	tttatcttct	360
tcttttttta	acaagcggaa	gatctgctgg	gttcaggaa	aaggctggta	caggcttctg	420
gggggtgt						428

<210> 697
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 697						
ggcacgagcc	agcctggcct	aacgtggctg	cagtctccat	tactggggcg	aagcggagcc	60
gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgtgggtg	ctggaacggg	tgtgcagcac	tctcctgggc	ctggagggaac	180
acctgaatgc	cctggaccgg	gctgctgggt	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgccccagc	300
tgctctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	cctgaaagc	caagaccagc	ctcccagcct	420
ggtcagag						428

<210> 698
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 698						
ggcacgagcc	agcctggcct	aacgtggctg	cagtctccat	tactggggcg	aagcggagcc	60
gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgtgggtg	ctggaacggg	tgtgcagcac	tctcctgggc	ctggagggaac	180
acctgaatgc	cctggaccgg	gctgctgggt	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgccccagc	300
tgctctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	cctgaaagc	caagaccagc	ctcccagcct	420
gggctg						426

<210> 699
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 699						
tcgattcgcc	ggaaccccc	tcccaagac	tatgaaagt	atgacgactc	ttatgaaagt	60
ttggatttaa	ctgagtatgc	aagaagacac	cagtggtgga	atcgagtgtt	tggccacagt	120

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tcggggaccta tggtagaaaa atactcagta gctaccacaga ttgtaatggg tggcgcttact 180
ggctgggtgty caggattttct gttccagaaa gttggaaaaac ttgcagcaac tgcagtagggt 240
tggggcttttc ttctcttttca gatttctagt catagtggct atgtgcagat tgaattggaa 300
agagttagaaa aagatgtata taaagcacia agacagatta agaaacgagc gaacaaaagca 360
gcactgtgaaa tcaacaattt aattgaagaa gcacagaatt tatcaagcag aacattgtga 420
tattc 424

<210> 700
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (414)
<223> n = A,T,C or G

<400> 700
ggcacgagcg agnagaaaaca tctccactct gaagaagaca ctggagagtg actgcaccaa 60
gctcttcacg cagggtcattg gaggggagca ggcccaggcc aagtttgaca gctgcctttc 120
tgactttggcc gcgtgtgcc acaaatccg agacctcttg caggaagggc tgcaggagct 180
caacagcaca gccatcaagc cacaggtgca gccttggatc aacagctttt tctcgtctc 240
ccacaacatc gaggaggaag aattcaatga ctatgaggcc aacgaccttt gggtacaaca 300
gttcatcctt aacctggagc agcaaatggc agagtccaag gccagcctgt ccccggtcat 360
ctacgacagc ctaaccgggc tcatgactaa ccttggtgcc ggcgaggtgg aag 414

<210> 701
<211> 404
<212> DNA
<213> Homo sapiens

<400> 701
ggcacgagga acgtctctatg tgggactttg gggcaaacac cagtttggtt gccccaggag 60
aagaggccgc cctggcccag ctccatccat ctggagagca acacagaccc aggaccccg 120
gcccgcatct ggtcgacaga tgtgtgtctc tatctggcag gcagcccccgg ggaacccagca 180
gaaattttgc ccctagccta gctctggaat cgaacctccag gtatcttttg aacctgagggc 240
ctcctctctc cacacccaag aaggccccca ggctgtggtt gctgtggtcc tggccctctc 300
agctggagct ccagggaagc tgcggaggcc caacctgctg gctggcagct cccaagggga 360
ggtctgtctg agccctcata ctgggagtga gctggggtag acaa 404

<210> 702
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (317)
<223> n = A,T,C or G

<400> 702
ctaaccgttg agcttcaggt ctgcattttt ctttctcttt ttttagtggg cacagctatg 60
atatcaaaag gtaggcctgg aaaccaagctg atgggagagg gaagacctga actggtcagt 120
ataagaagga aatgagaaat gaacaggaat gaaatggggc gcgagtggct agagagcaaa 180
naaggagagt tgggcagtga gtgcctgatg gctcgagggt ttctgtttca aacgataaaa 240
aaaaatttta gaaatggaca caacattggc cgggcaagggt ggctcacacc tgtaatccca 300
gcactttggg aggctgg 317

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<210> 703
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 703
 cggttgcgtgc ggtttttcat tttttctat catgttctta attttcatto cttttctata 60
 gcaattctatt cttgactcaa gaatgtaaca ttttgctcgc atatattcat ttttttgaag 120
 tttttctatt cctgcatagt ctattgtctc atgtattttt tttgtttttg cttttctttg 180
 gactctgtca tgttggaaac tttttcfaat tgccttccct aggttaactgc ataattgtgat 240
 gtggaagatt caaaagtgtg ttgccttctc taaattcgac agtttgaaac ttcccttttag 300
 gctgatctgg gtcagccatt ttgggagagt tctccagaga ccttaagtct tatgtcttgg 360
 gctgggcaga caccctcagg gaatagtctt ccattttt 398

<210> 704
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 704
 cggttgcgtgc ggcgaccaga aatctctatc acagattttat tgatgaagaa acgaaggata 60
 ccaaaaggtgc tttttttata gtggaagctg acataaagga gttcacaaact ttgaaagctg 120
 acaagaagtt tcacgtgtta ctgaatat ttacgacactg ccggaggcta tcagaggtcc 180
 gagggggagg acttaactcgt tatgttataa cctgagtcct tttgtaactt ttgaacatac 240
 caacagggtg tagagtatag aggcctatttc tataattttc ttatataataa tttttttaac 300
 ttttaactct ttttgcctcc tttttttttt ttttaaaaaa agattttttt ttttaaccgc 360
 ggggtttttt ttttcccccc agcttatttc tagga 395

<210> 705
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 705
 cgttgcgtgc gcaccaggcc agggagggggc tggcgcttag ggaactgctt tctgtgagct 60
 tctagactct ggtgctctac ggggtgatggg aggaccagcg gggaggggca ggcctcctgt 120
 ccagagtctt ggaggtgggg cctcggttgg ttgctctggc tgcctccgccc ttgagtagct 180
 gggatctcat gagtccggga gtccctctgt gtccacatcc tgcagtgcgt cgggggctgc 240
 ccggccagat gcaggccagg gctggacact tactcctcct agacttagct tgaacagtgg 300
 cattaacct ggtcactccc ataaaccag gtcctagacc agggggcccg gaggcaggcc 360
 tggggactgg gaagtccaan aaccccgagg tggag 395

<210> 706
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 706
 cgttgcgtgc ggttcaggac cagcttggac aacatgggga aaccccgctc ctactaaaaa 60
 tacaaaaaac agccgggtgt ggtggcaggc gcctgtaacc ccagctactt gggagactga 120
 ggccaggagaa ttgcttgaac ccaggaggcg gaggttccag tgagccaaga tcgtgcatt 180

gcactccagc	ctgggtgaca	cagtgcagaca	ttgtcaaaaa	aaaaaaaaaa	aaaactgctg	240
ggggccctttt	tttgcgtgaat	cccaaacatg	gtgaacacct	tggtgggggtg	ggcccaaccc	300
cttttgaat	ggcgggaaaa	aatgggcttt	tttgggaaaa	ttggggagcg	tttgtttttt	360
ttggaccctt	tttaaagctg	aaaaaacctg	tttaac			396

<210> 707
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 707						
ggcagcagca	gcttttagagt	cccctagaaa	gagcatcatc	tttgagcctt	atccctctgt	60
gggtggacccc	actgatccca	agactctggc	ctttaaccct	aagaagaaga	attatgagcg	120
gcttcagaaa	gctctggata	gtgtgatgtc	tattcgggag	atgaccacag	gctcatattt	180
ggaaatcaag	aaacagatgg	acaagttgga	tccctggcc	catcctctcc	tgcagtggat	240
catctctagc	aacaggtcac	acattgtcaa	actacctctc	agcaggtggg	tccacattg	300
agaactggca	ttcgatcctg	cgcaatgggc	tggtcaatgc	atcctacacc	aaactgcagg	360
aatgggaaaa	ggacagcaca	ggatgccctc	caag			394

<210> 708
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 708						
cgttgctgtc	ggcagcggcg	ctggccttag	aaaattactt	ttccactga	aacacacca	60
agtatatgcc	cagccttcat	gaaagtgaac	agagaacaga	agcgccttta	tgtgggtggc	120
cttagccagg	acattttctga	ggcagacctt	caaaatcagt	tcagcagatt	tggagaagtt	180
tggatgtgtg	agatcatcac	acggaaagat	gaccaagaaa	accacagaaa	agttttttga	240
tatatcaaca	tcagtgtagc	agaagcggag	ctgaaaaaat	gtatgtctgt	tttaataaaa	300
acaaaatgga	aaggtggaac	attacaattt	caactagcaa	aagaagcctt	tctgcacaga	360
ttggcccaag	agagagaagc	agcaaaagct	aagaaa			396

<210> 709
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 709						
cgttgctgtc	ggcagcaaaa	aaacagttat	gtgagcagtt	tcacttggag	gttcacatgg	60
gggtggcagca	cacttaacat	ctaacacacc	aggttcattg	tggtcataac	acttgcattt	120
tactgttaaca	acattttttt	ataggagagt	aaatagccct	tcagcatgct	cattcatgaa	180
acagaagagg	ctgtacaagt	gaagacaagg	gcttttttatg	caagttttga	aagataggtta	240
tttatttttt	ctagagacag	gagttttgct	ctgttgccca	ggctggagtg	cagtgggtgca	300
atcatagctc	attgaagcct	cgcactcctg	ggctcaagtg	gtcctcctgc	ctcagctttac	360
tgagtaagga	tatgtatttc	ttaaa				385

<210> 710
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 710						
cgttgctgtc	ggtagaccaga	aatctctatc	acagatttat	tgatgaagaa	acgaaggata	60
ccaaggtctg	ttattttata	gtggaagctg	acataaaagga	gttcacaact	ttgaaagctg	120
acaagaagtt	tcagctgtta	ctgaatat	tacgacactg	cggagagcta	tcagaggtcc	180
gagggggagg	acttactcgt	tatgttataa	cctgagctcc	ttgtgaactt	ttgaacatcc	240

caacagggta tagagtatat aggcattttc tataattttc ttatatataa tttttttaac	300
ttttaatctt ttttggttcc tttttttttt ttttaaaaaa agattttgtt ttgccccca	360
ggggtttttt ttttcccccc agctta	386

<210> 711
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 711	
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ttgtcgctgt gccaccaagt gaagataaac tggcctgggt cacaagtctt tttctctgtg	120
ctagtgtccc aagggtggaca catctctgtc atgtctcagg accagtaaac tcaagctatg	180
cttggaagga cagaattgat caagatggaa tgactcctga gaggagacag tggatgatatt	240
ttgtctccac tgcattttat tttctcggct tcaagggtca gattcaacca tggcaggaga	300
gaagatcctt agcagnttct ttttttatat ttttttggg cctatgcacc cctcattaat	360
aag	363

<210> 712
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 712	
tgaacccggg ggggggggtt gcaagtggcc aatattgtgc cactgtactc cagcctgagc	60
aacagcgcca gagtctgtct caaaaaaaaaa aaaaaaaaag ggggggggtt aacccccctg	120
tatcccccac cttttggggg ggggggggat tctcattttt tgccgggaaa aaatttccag	180
gttgggattt tottaagttt ggaaggttg ccccttgggc ttaataaacc tttaaagggt	240
aataaaaagg ggggggttcc cccgggaatc ccccacattt tgggggggccc gggggggggg	300
gaccaaaggc cagaatttta aacccccccg gcccaacata ggaacccctt gttttattaa	360
a	361

<210> 713
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 713	
ggcacagggt tgggtagaga cggtgttttc accgtgttag ccaggatggt cttgatctcc	60
tgacctcgtg atccgccctc ccgcctcggc atctcaaaat gctgggatta caggcgtgag	120
ccacggcgcc cggaattctt tcttttttaa gcaaaagcctg ttagaatggc ttggatctcg	180
aggtggcgct ttaccgcacc tcggagggtc ctgcagcgcg tgccgggagaa tgaccctgtc	240
ggtatttttg aggtcgtctt gagcgcgccc cctgcaccaag taccggcca tcaaggccct	300
gagcgcgcca gaccgcgcgc tcaagtgggc ggtgctgggt ctggtgctgg tgcagatgct	360
ggcctgctgg ctggtgcgcg ggtggcctg	390

<210> 714
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 714

cggtgctgtc	ggcctattac	aagcacattc	tttgattgag	tcattggata	taaaccttact	60
aaatgcataa	aaagcagtc	atttacgaaa	ctctgagtt	ggggggacac	tgttgattaa	120
taatgtactg	tatgaattaa	gagatgcttt	aactttgatt	ttacatttta	taggtaacat	180
gtggacatta	tagtatcaaa	catattggca	ttatgtcggc	atactagaaa	catgtgattt	240
ctgtgctttt	taaagtatac	tcctttacatg	atctgagaga	ggattcaagg	tgatagaaat	300
agctgagggg	aaaaggggga	acatttttgt	atgaagattg	gccttatggt	gatgggttaa	360
ttacacatta	tgatgttaga	ag				382

<210> 715
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 715						
ctcggctgcc	agaagacgac	ggaaggggtg	cagtgggcag	atcttggttc	actgcaacct	60
cgccctcccg	agttcaagag	attctccggc	ctcagccccc	tgagcagctg	ggattacagg	120
caactgccc	caagcccagc	taatttttgt	atcttttagt	gagcggcggg	tcaactccgt	180
gaactctgaa	tgaagcgaaa	atgcgttaatt	tgggataata	tcaaacctgg	cgtgggtgagg	240
aaagccacc	acaagcccgc	ccctggaatt	tctccctcct	ataaacccag	gcaacataaa	300
taagtctggc	tggggccccc	ctcctcccaa	aaactcttgc	tgaaggacgc	c	351

<210> 716
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 716						
cggtgctgtc	ggagacttcc	caggaaggtc	cagcgccctc	tcagccttcg	tactcagaac	60
agccgatgat	gggcctcagt	aacctgagcc	ccggtcctgg	ccccagccag	gcctgtccctc	120
tcccagaggg	gctgctccgc	cagcgggtaca	gagaggagaa	gacccctggaa	gagcggcgggt	180
gggagagggc	ggagttccct	cagagggaaga	aagcattcct	gcggcatgtg	aggaggagac	240
accgcgatca	catggccccc	tatgctgttg	ggaggggaagc	cagaatctcc	ccattagggtg	300
acagaagtca	gaatcgattc	cgatgtgaat	gtcgatactg	ccagagccac	aggccgaatc	360
ttctcgggat	ccctgggg					378

<210> 717
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 717						
cggtgctgtc	gggacatggc	acctttctgc	tgtgcttgga	aaccatttac	cagaaagtga	60
cgggcaagga	gctgagatac	gagggcctga	tgggcaaaacc	cagcatcctc	acttaccagt	120
atgccgagga	cctgatcagg	cgacaggcgg	agagggcggg	ctgggcccgc	cccattccgga	180
agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	ctgtctccacc	240
agtaacctgca	gaagggcaacg	catgatgggg	cgccagaaat	aggggcccggg	ggcacacggc	300
agcaacagcc	ctcagcagc	cagagctgca	tctccatcct	ggtgtgtaca	ggcgtctaca	360
atcccaggag	cccacagtcc	a				381

<210> 718
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 718						
ttaaggaacg	gaagttaaga	atgtaacaga	caaagtaaaa	agacggcaga	gttgactgct	60
aagcctaata	cttttaggct	tctcatgtta	ccttgcttaa	aattgctgta	taatttcaaa	120

aatgccccac	ttcagttttta	aaaagtaaaa	taactatttta	atttattttat	agaattaaaa	180
gaaaaaata	gtaaatctgt	gtttttgcct	agaattagtc	cttagacact	acatcaaaaa	240
acaaatcttg	gccaggcatg	gtggctcaca	cctgtaatcc	caacattttg	ggacaccaag	300
gcaggcggat	aacctgagat	caggaattca	tgaccagct	tgcg		344

<210> 719

<211> 376

<212> DNA

<213> Homo sapiens

<400> 719

cgttgctgtc	gcaaaccttg	gggaaaagga	aaggaaacac	aggagaagtt	ttcagcagtt	60
gccccgagct	gtttttgtgt	taatgaagtg	gttctttgat	taaggagctc	tatttcttat	120
ttaactgata	tcccaactgcc	ccactccaca	aaataggaaa	atgaagaagt	ctttctctct	180
gacttggtta	catcatttca	cggaaacaca	tctttgtttg	taatgcagta	ttctttctct	240
gtgtttgaca	gagatgggga	ggggcagagg	aatttaagag	gttttaaaag	aaatgttatg	300
tttcttatga	cttgtttcca	ctcctcgtac	aatgctattc	ttaggtttct	acgaaacctta	360
atgttagaac	cgcatac					376

<210> 720

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 720

nttaactcgg	gtgccgggga	caagaagcag	aggaaaaacc	acactatcaa	gctgcaagag	60
ttggcaactgc	tgctgcccat	agccctgaag	acggggacca	agaagctcac	aaaggtagac	120
ggactagagg	agagggggcca	gatttgggac	gcaggctctt	aaatagcagc	agatgggtca	180
ccctctcctg	ggaaaacctgg	acagatccct	tcagtgggcg	cattcatatg	ggaaatggggc	240
tactctgaac	gggaattttc	gggagtcctg	gaaccataaa	ctaggctgct	gggggatccct	300
ttttttggaa	aggagagagg	agaaaccggg	ctgggggaaa	aaagagatn		349

<210> 721

<211> 375

<212> DNA

<213> Homo sapiens

<400> 721

cggttgctgtc	gggttagtacc	aagctaagag	tttacttaca	gatgacagca	agcagatgct	60
ctagtaatttc	gtcagacatt	gcagggatat	tgtgtagtca	gatattaccc	tcttggggaa	120
agaaactacat	cacatcatta	tttattttccc	ttctgtttac	aacagccaag	gaattactta	180
gtgtggctcc	ctgcactaat	actgggatat	gcttaaacaa	gggaatgcc	taagagtctc	240
caattgcctc	gtcactagct	gggcataga	ttttgtttac	tgctaactct	gcttctctaa	300
gttcacaccc	agtgcacaaa	acccaatcag	caaactaac	ccaaaatcca	atatatttag	360
aaatgtaagt	gttaa					375

<210> 722

<211> 341

<212> DNA

<213> Homo sapiens

<400> 722

acaaagagga	attagtgaat	gaataaatga	aagtctatat	ggtaaagctg	gggcatggta	60
ggactagtc	tttagaagtc	tcttgattct	tagtttactg	ctctttgcaa	tccacagcat	120
taacccccac	atataatgc	cccaggtgta	gcctgactca	taacatcact	aacctacta	180
ccaatgggga	tgtgtaagca	ctttgtgctg	gggttaaagct	tcaaactttt	cttattgaga	240
tttagtgatc	taagcagtag	agtcacctaa	atcaaggttc	agggccaggc	gcggtggctc	300
acgcctgtaa	ttccagcact	ttatgaggcc	gaggtggctg	g		341

<210> 723

<211> 371

<212> DNA

<213> Homo sapiens

<400> 723

cgttgctgtc	gggtctctta	gctcctccct	gagtgctggg	gttctttgca	gtgattattt	60
gttagccatt	tacctgtgat	tcagggggcca	gggtgaggcc	caagagtggg	ggtcggggag	120
tggcaggcgc	ggccaggctg	aaagacctct	gacaaggctg	tgtgtggggg	gcaggtgtgg	180
ccgggtgtgga	tggcatgctg	ggctgggtgc	cacagagtgt	gggtggacgag	gaggacagtg	240
gtctgcagag	caccctggag	gcctcgcctg	agctacgggg	cctggccgcg	gttgctgata	300
acggccagca	gcagtatgtg	cgctcagccc	cggcgccctc	gcctgagtc	atcaagaggg	360
ccaaggagat	g					371

<210> 724

<211> 333

<212> DNA

<213> Homo sapiens

<400> 724

catgggggga	aaagacctct	ctaattgtat	gtagaagag	aaggagggag	tgccccctct	60
agcgtgggat	cttttggttc	ccagatctgg	atttgagggg	ctggctctat	ctcttaagaa	120
gacatttacc	tagcattggg	aatggagatg	gggccttaat	agggctaggg	aggaacaccc	180
aaactccagac	acagctctct	gctgttcccc	ttcccagtcg	acacagtcgc	aattcccact	240
ccagaaaatt	ttttaaaaac	atatcttaaa	aaaaccccaa	agagccaagc	agacctctag	300
cttcaaggga	tctctctatt	ctctctctct	ctc			333

<210> 725

<211> 334

<212> DNA

<213> Homo sapiens

<400> 725

acgtcctact	gtaccagcaa	taagacaata	tgaataccct	gcaaccttaa	ggtgcttgaa	60
tgaagtaact	cgctctcaat	gagacaaaag	caacaatttg	gaaacaaaag	tggaaaattaa	120
caatgccact	ggttttctgt	taaagaattt	atgtatcggg	ctttcattgt	gaataaactc	180
agtaagcagc	tactcaaatg	atgtgattac	atggctctag	aatataactct	tggtctccaa	240
aatgacttct	ctatgactcc	tggtagtata	tgaacttag	taattaacac	tttctaccat	300
ttaaatcaaa	taaatatgtt	tatctctgtg	aaag			334

<210> 726

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

```

<400> 726
aagctcggaa aaagaaatag aagagaaggg ttatgatgga ttctcttgat ttattcagat      60
tgtgaaaacc taacagataa atttccacaa aattaaagaa aattcaaata ttatgatgggt      120
gaagaagtcc ctccaatttt aaataccagt aactcatcat ttacctgaga ctagaaaaata      180
actagatatg cttaaagatgc ttctccattc ttgttggtct ccgggctaca ttctttctga      240
taggtacctg gcgtgtatat tacacttcac atgtgcatgg catactgcag tgaatcaagc      300
aatctgggag ggaacccttg ccagaggaga aatn                                     334

```

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<210> 727
<211> 328
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

```

```

<400> 727
tcattttatg ctgccttctt agatgcaagt attcattcat cccattattt actcaatcaa      60
tgaatatatta ctgaattcct ttacataacc agacattgaa ccagacatgg ctcaatgagg      120
acttggtgta gcccttgggg gagctttacg tctcagagag ggaacacagtc atgtgaaaaat      180
gagtcgggtg aaaatactac aagtgtttag gatactaagt aagtgagaaa aaatagatca      240
gatggctctg aattctggaa ggtgagctca ccagatagtt gaattccaaa tacatgcaat      300
gttatgggtg gtgtgtgtgt ggtgtttgnt                                     328

```

```

<210> 728
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

```

```

<400> 728
gcaatgagtc ttaagaaggt aacagcctaa aaccatctca gatgaaatgg agctgctcag      60
agacttttgg gagctctcag acctgttggg gacctctatc ccaagtcaaa atgcaacact      120
cacttcaaac agaaatatcc ctacaagaca ttaattcaca atttcaacgc tttatgacct      180
ccactatat gccaaagcact tttaaagact tcagaggaat ataaaaatga atcatatttc      240
atcttccatc tgctcaaat tctctttggg tgggcagtgt ggagcagcag aaaagtacgt      300
tattgtttac aggggaggtg tggatgaan                                     329

```

```

<210> 729
<211> 164
<212> DNA
<213> Homo sapiens

```

```

<400> 729
ggcagagcga ggggtcggcg ccgggtgaga gcgtgcggcc ggggtgagagc gtgcggccgg      60
attcaccaca acatggcaaa tctttttata aggaaaaatgg tgaacctctc gctctatctc      120
agtcgtcaca cggggaagcc tcgagccctc tccacatttc tatt                                     164

```

```

<210> 730
<211> 320
<212> DNA

```

<213> Homo sapiens

<400> 730

tcaggctggga	ggatcgctttg	agtctgggag	gttgaggctg	cagtggagcca	taatcatgcc	60
actgcactcc	agcctggaca	acagagcaag	accctatctc	aaaaataata	aaatttaaat	120
gttgtataga	gatgtatgta	aatacataga	aaaaaactgg	aagaatacat	ttaaatagtt	180
aatagtggtc	aacaattttt	taccaggcac	ctactattgg	taggtgagaa	tatatgtggt	240
aataaaaacc	cattgatctt	gccctcatgg	atcatatgtg	gacaagatca	gcctttctca	300
actggagttc	tgagagattt					320

<210> 731

<211> 369

<212> DNA

<213> Homo sapiens

<400> 731

ggagatgatt	tggacaaaatg	gggttttcaa	ctttgatgtg	aagggaagg	gggaagtagg	60
ggataccctc	tcagctgtca	ggaactgggc	acctacatgg	gaagccctag	atctgcaaat	120
gcttttagct	ataacaagtt	tgaaaagctg	gatgtgagac	agcactctaa	tttaagggga	180
tgataaaggc	tgggattccta	attctcaccc	caaaccccaa	tagcatagtt	ctatttgggc	240
aatccaaaaa	gcacgtgtat	cttggaaactg	acctgtagac	tcccatggtc	tgaatgaagt	300
gatattgtcc	ctaaagcttt	ctctggctgg	ccctaagaca	attaactagt	aagatagcat	360
accagattt						369

<210> 732

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 732

ctctaggagc	ttccagggtc	ctttctaactg	cctgcagctc	tccctctctcg	gaaccctgct	60
gcattcaaa	aggagccgtg	ctatttagct	cttttttctt	gtcttttttt	ttttttttta	120
aacagggttt	ccctttggcc	cccagggtgg	agagacattn	ccaatgaat	tctaagcagg	180
ctccctccc	tcttgcgtta	ccccaatcc	taattgtata	cctaaaaaga	gtgggggcat	240
gagggggcg	ccccacaagg	ccaggggggt	tacagtacac	ttggtgatag	aactttctac	300
ccccacta						309

<210> 733

<211> 461

<212> DNA

<213> Homo sapiens

<400> 733

gtcattgtct	ttttgattat	cccacgatt	ccaattccgt	tgtctgctgg	ttcccggagg	60
aaatgactat	tacttgacga	tcacagggcc	ttcgaccccc	ttcctgtcag	ggggcgagac	120
attccatca	ccaagcttgg	gtgatgagga	atttgaaatc	ccacctatct	ccttggtatt	180
tgatccctca	ttggctgtct	cagatgtggt	tggccacttt	gatgacctgg	cagacacctc	240
ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg	acatgcctgt	300
gggcatgacc	catggcttga	tggagcaggg	cggtgggctc	ctgagtgggg	gcttgacctt	360
ggacttgagc	cactctatag	gaactcagta	tagtgccaac	ccacctgtta	caattgatgt	420
accaatgaca	gacatgacat	ctggcttgat	ggggcatagc	c		461

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<210> 734
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 734
ggagaaggct tttnatgatc cgcaggatag cacttgettg ctctgtttggc cgtagctcc 60
aaacattcta cacgttgata gaaaactacg aagagggaag cttataacttg ccatcatatt 120
ttactctaaa cccctgtcac tgggtcattt ttgtattatg caggtaaaatc ccaaagcttc 180
cacaggctgc tctagtattc tatcgggcat ttatttccaa aacttttttt ttacttttta 240
ctatatgcct agcagagggt taaaaccttt atacacatta actgacttaa tcttgaccag 300
atctgcggat tcagtaacatt ttaactccat tctggagctt acgtaaatga aacactgaca 360
cgctgatagt catgtgttag agtcacgatt tgaacctacg taagcttggc tgcaaaaact 420
gtgttctcaa atgtctgtac ttttatatg 449

```

```

<210> 735
<211> 450
<212> DNA
<213> Homo sapiens

<400> 735
tgacgagcac atggactttc tgcgcgatgc ccttcaggac catgcgtgct acttggtgca 60
gaagaccacc gaagggaacc ccacctgcat tgtgagctct atggctttga aaattacgac 120
acaattcttt tacgactcct ccccttcacc atttgtgtcc acattaccat tgcctactgc 180
tggcctagca gtccttttta taaatctacc ctaaggctcc ttccatcttg tactgttcc 240
ttctccctc ccatctgtgc cagaagaaaa aaatatatat atactacaga atccaccctt 300
gcctcacttt atgatgacgg catctccctat ggaagcccta tgctcctttt cacacacaca 360
aaaaatggaa gtaatatatt tttctttgaa aatcatcaat cctcctacta tgacatatgg 420
aaagcaaca gctgtaccac cgaaaggatc 450

```

```

<210> 736
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 736
ctatcttaga acaagttaaa tagtatatgt acttgtaata acttgtagct agatagtta 60
gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaagttagat ggaaaaacaa 120
atgaaaagtg tttaaaaaat taaatatattt agaaggatca atactctaag ggttgtgggt 180
aatcttttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240
ttaatgcaat gttttctggg agtgcaagat ttgcanatga attaataaca gctagaagcc 300
tcactatttg cactttttata acattcttgg atgtgtatcat tacaagggtg aattatatag 360
taatagggtg aaaaaagtat caaaaatcag tgaaaaaccac atgggattca tatggn 416

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<210> 737
<211> 412
<212> DNA

```


<222> (1)...(430)
<223> n = A,T,C or G

<400> 740
ccatcgattc gaattccggt gctgtcgccc agaaggggtc gcatggggcca tgagcggggca 60
ctcccataac agcttaccgt acagggcttg gacatgccgg agggaggccat cgagactttg 120
ctgtgctacc tggagctgca cccacaccac tggctggagc tgctggcgac cacctatacc 180
cattgcgcgc tgaactgcgc tggggggcct gccacgctcc aggcctcggc ccacaggtgt 240
ccccctttgg ctgtgtgctt gcccacgacg ctgcctgagg acccagggca aggcagcagc 300
tcctggaggt ttgacatggt caagctggtg gactccatgg gctgggagct ggctctgttg 360
cggcaggctc tctgccagct gcagtgaggac caccagccca ngacaggtgt gcggcgtggg 420
acaaggggtc 430

<210> 741
<211> 437
<212> DNA
<213> Homo sapiens

<400> 741
gcaggatccc atcgattcta aatccgttgc tgtcgccacag agccaaactaa cgacagctat 60
ggatttatttg cgtttgtgat gcatagtggc attacaatta gtatgtggga ttacactgct 120
tctgttaaag tcactgacct taacagttta gaactagata aaggaaattt tbtggttgac 180
caaatgtgtg aatatggtaa gccagaccca ttgaatgagg aggaagcaag ggtgtgtgtt 240
gagaattata atgatgaaga agtgtcaatt agagtgtgtg gaaatacaca gccaaagtaaa 300
gttttgaaca aaaaaaatgt agaagctatt ggacttcttg gaggacaataa gagcaaaagca 360
gattatgagc tacaacaacaa agcctctaatt cctgataagg ttgtagtac agcgtttgtc 420
gaaaatagaa attctggt 437

<210> 742
<211> 428
<212> DNA
<213> Homo sapiens

<400> 742
cgtgtcgtgc gctgtccacg acacatattt ggattttgtg ttttattctc ctggatggac 60
aattgtgatg gatTTTTTtg gttccgggct tcaagctttg caatctcacc ttctttgccc 120
ttcctcttgc cataatggaa gaggcgctgc taatttgggt tccatccttt cctgctttca 180
cagactgccc tgtgatttgc taaaacattt ccatttagttt gtttgattc tctgattttc 240
ttcccttagc gccctccaca ggcctctgtg ctagtgcctt gaatgatggc aagcgtacaa 300
aaaatatatt tttttttttt aaaaacgctt ttgttccggc ccccatgct tgtgagccca 360
attcatctct ctgcacgctt atttccaccc ctctaccccc tcagctttcc agcgtgctca 420
tcagggggg 428

<210> 743
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 743
cgagctgtac aattttgtaa nganccggag cccacgattc gaaggtcctt gctttcggga 60
agaatattct acttatcaca ccagagcttc caccgcagag gggggggagc taacacacct 120
tggttccctt ccggttttcc ttcccttctt ctcccgctt ctctttaatc ataccaaaag 180

cgcttcagct	ctgattggct	ggagctctgt	gtatatctag	ccaatcaca	gccgggctgt	240
gctcctacac	catccgaaga	gcgaatcgtg	cagagacgtg	gtctaagatt	ggcctctccc	300
tgacaaggat	ttaattatga	atttttcttt	atggcgtggg	agaggccaca	gcccggaactc	360
catcgactcc	cccggctctt	agactaaaaa	catgcccaag	tgcaaacaca	gaagacgaaa	420
gcta						424

<210> 744
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 744	
cccacgatt	60
gctttcagat	120
cactcagacc	180
aaaggctggc	240
ccatacaaaa	300
ccctatgcc	360
ccccagaga	420
ctctgcagg	429

<210> 745
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 745	
cggttgctgc	60
aaatcttgcc	120
ttgttgcccta	180
acattgtcaca	240
aaagtataat	300
ttacacaaac	360
gaggccaagc	420
tcn	423

<210> 746
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 746	
aaataaaaata	60
tctccccatc	120
aggaaaacac	180
tactggctct	240
ttaccgcatg	252

<210> 747
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 747
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tgatagtcac ttccatgcgt ctgtgtccat actatctctg gttaaaaaa atcccaggtta 120
cattttaaaa caccggatggt ggtagatcct gcatggaatg gtgatctagt cacatatatt 180
ttatatactc tggaaatgat gcaaaaattg gctacaagaa agctttatct tctccttgta 240
atctcttata acaatttttaa actaaacttt tctacataca gcatgtgtgt tccatagatga 300
ggcgatgaaa ttctttatgc agcaagagtt ttccagtata tttcaaaaa ccttatttgt 360
aatgtttttg aaatgtgtaa ttactatctg a 391

<210> 748
<211> 391
<212> DNA
<213> Homo sapiens

<400> 748
ctcaacacac ccagggttttt ttgttctctc tttctctctg gcttcaattc catgccttac 60
tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaaagcact 120
tgaggggagg cttctccacc agtactggtg gctgtgtaat agatgtttct aattaccaag 180
tgcttaaacat gagccctatg tacttaggca gctgttttag agttcttacc cactttccaa 240
tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacccaaa 300
ttatggatat gccactgaaa atgtatggtg gagtaggcgg ggcacagagg ctcatgcctg 360
taatcccagc acttttgagg gctgagcgcg g 391

<210> 749
<211> 258
<212> DNA
<213> Homo sapiens

<400> 749
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ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaaa 120
ggataatcaa aaggaaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180
gcttagcttt actactaact ctccaatggt agttttacaa acaaaagatga tacctcttgc 240
tgggcactgt ggctcact 258

<210> 750
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 750
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gtacatttaac ccactctgacc ctcatgacga attacotata gcttattatt cccatttttc 120
agataaaaaat gaggttctatg aacatatata ttttgccacc atgtattttt aataatttca 180
ggccaggcggt gatggctcatc gctgttaatc ccaacacttt gggaggccga ggcagatgga 240
tcactctgagg tcaggagttc gagactagcc tggccagcat ggcgaaaacc ttgtacttaa 300
aaatacaaaa aaaaaattaa cggggcatgg ttgtgggcgc ctgtaatccc acctattcgg 360
gaggctgagg cgggagaatc gcttataccn 390

<210> 751
<211> 386

<212> DNA
<213> Homo sapiens

<400> 751
aataaataac ttatgtatcg tcggaggttt ttactgcgga gagagctgta cgtaattgggt 60
gcaccacaca gatgctccct ccaggactga aggacttacc cctccagctg ctgggattat 120
agttggctga cactctccag cagctggcag ttccaggaa ctgcctgtgg ctgaagagaa 180
ccaccttact cagagttctc cctcctcctc aggggcagct gcactccaatg actggcctat 240
gtggaggtat aaatccatct tgccaatatt catacttatt tacataattt acgatattca 300
tacttaaaga ttctgtgcc ttaccaact caggataggg taaaagaact agcccagctt 360
ggccgggtgc actggctcac gcctgt 386

<210> 752
<211> 414
<212> DNA
<213> Homo sapiens

<400> 752
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agtcggggg gatgacacat ttaatgaaca caattttatt tttttctgt aactgtgctt 120
gttgaatgct aatcatattt aaagggaatg actttgaagt aaaacctttt ttcttgctac 180
tgaaaaaat ggagttgctt tgggtggtaa agtggttaagg aatagggaca gctgggtcaca 240
caaggaaact ttgaaggcca catgtgaaaa cctgtcactt gcacagaggc cagtccact 300
aaggtagcca gagtgggctc caagcacaaa ctgcccattg ctatagatgg gactgtgtcc 360
ccccaaatt catgtgttgg agccttaacc ctcaatgtga tggattttga gatg 414

<210> 753
<211> 416
<212> DNA
<213> Homo sapiens

<400> 753
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tgcataaagt tcggagagtt cagatgatga aaaagcctgg gttgaagagg tcaggaaagca 120
acgcagactc ctccagcagg aggaaaaagt gaagcggcag gaacgatca aggaggacca 180
gcagacagct ctaaagcccc agttttatga gatcaaaagca gggaagaat ttagaagctt 240
caaagattct gccacaagag aaaaactgag gaacaaaact cttgaagatc gtttgaatat 300
tgaagcaaaa aatgggacat tgagtgtatt cgacaccaac gttgggagca acaattgtac 360
cttcacgtta aagaggtctg aaccgcacaa taaagcatca gggaggctgg gaaact 416

<210> 754
<211> 388
<212> DNA
<213> Homo sapiens

<400> 754
tgcaatgttt tgtagggcca gaattatttc acacacataa gtatgatatt ccccaaccag 60
accacaagct cttcaaggtt aacaacaccc tcgcccaccc cctccccctc caaacaattc 120
ttctgtctct cttagagcaga ctttgatcta aattggatct aaattgactc gaaatgtcag 180
gaaaaagaga ttaatgcaca aggtcccttt ctctgagaga aggtgtgata ggcagagact 240
taagcctggg ttggaaaatga aactgcccac cactctctcc accccgctct ggtcttcgca 300
gggtgacagg tgggacgctg aagagagctg cctcctctgt cccggcctcc atgtgaacag 360
cctcctccca aatcttctct tggatctg 388

<210> 755
<211> 415
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 755

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tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggta	atctttacag	180
cgaggggagc	tgcacttacc	tgaaatgttc	tgttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcgcc	aaatacttat	cttctgtgag	ctcacaaaga	actcaggggc	gccctcttagc	360
tcctatgact	ggaaccattg	aaaagggtgt	tgtcanagct	ggagacaaag	tgaaa	415

<210> 756

<211> 414

<212> DNA

<213> Homo sapiens

<400> 756

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gtgtgttgtc	gctcctacag	ctcaatgcac	tggaccttct	cgtccagcct	ggatgcctct	120
atcattcttc	tttgtcttcc	tctggcctcc	atccggttct	gaagagctca	ccttctctca	180
ggttctctct	ccctctgctc	tcccaagtga	cccagccctc	acctgtaggc	cagccaaggc	240
tgggtgtgca	gctgccccca	gtgaaggtca	ttgggcatcg	cactgggcag	tgcagaggtc	300
caggctgagg	agttgagtgg	cgcgccctac	ctggcgctcg	tgcagagaaac	gggagggggg	360
ccctcggtct	ggatcctaga	atcggggaag	tctgagggcc	ccctcgagct	ctca	414

<210> 757

<211> 415

<212> DNA

<213> Homo sapiens

<400> 757

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gtctgaatga	atggagtctc	caggccccca	ctggccctct	gtgtgagggt	ctcgagggtt	180
tggcaggaca	ggtctttctc	tccggcgaga	gcacccaccc	tgacgggctg	ctggatgagg	240
gcaccaaagc	tcgctaggga	gggtctctgc	cttatggagg	agctcggaag	tccttgcagc	300
tgtgccccca	ggccctgctc	tgcacacttt	ctgcagccag	ggcgccctcg	gggagggtcag	360
ggcagggcgg	ggaggctgag	ggccacctgg	catagtgggc	aggcggggga	gcgct	415

<210> 758

<211> 413

<212> DNA

<213> Homo sapiens

<400> 758

cgattcgaaat	tccgttgctg	tgcgccacac	agggcacata	ttccacgcac	cccacacggg	60
gcaggcagct	cacacagggc	acagacccca	cgcacccccc	acaggggcaca	gacccccagc	120
acccccacaca	gggacacagc	cccacacacc	ccacacaggg	caggcacctc	acacaggggca	180
cagacccccat	gcatccccca	cagggcaggc	acccccacaca	gggcacagac	cccacacacc	240
ccacacaggg	caggcacccc	acacagggca	cagacccccac	gcacccccaca	cagggcaggg	300
atccccacga	gggcacagat	cccacgcagg	gcaggggccag	cccagggcca	agcccccttc	360
ctgtagactct	tctccccaggc	aggaccagag	ccacagtcac	tttcacacta	tct	413

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<210> 759
<211> 418
<212> DNA
<213> Homo sapiens

<400> 759
cggttgctgtc gggtttcccg aggaaatgac aattacatga cgtacacagg gccttcgcag      60
cccttcctgt caggggcgga gacattccat acaccaagct tgggtgatga ggaatttgaa      120
atccccaccta tctccttgga ttctgatccc tcattggctg tctcagatgt ggttggccac      180
tttgatgacc tggcagaccc ttctctctca caggatggca gtttttcagc ccagtatggg      240
gtccagacat tggacatgcc tgtgggcatg acccatggct tgatggagca gggcgggcggg      300
ctcctgagtg ggggcttgac catggacttg gaccactcta taggaactca gtatagtgcc      360
aacccacctg ttacaattga tgtaccaatg acagacatga catctggctt gatggggc      418

<210> 760
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 760
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tatgcatttc taacttatta aaattttttt gggtttgttt tttgttttcc tgagacggaa      120
tttctgctct gttgccagg ctggagtgca atggcgcaat ctgggtctgc tgcaacctct      180
gtctcccagg ttcaagtgat tctctgtctc ctactaaaaa aacaaaaaaa atcanctggg      240
tgtggtgggc ggggacctgta gtctcaacta ctcgggaggt tgaggcagga gaattgcttg      300
aaactgggag gtggagattg cagtgaagctg aaatcacgcc actgcactcg agcctgggca      360
actgagcgag actctgtctc aaaaaaaaaa ggccaggctt gggggg      405

<210> 761
<211> 378
<212> DNA
<213> Homo sapiens

<400> 761
tttggatttg ccgttattat tgtgtgttaa ctgactaaaa tcatcatatg aataatagaa      60
atcaggccta acatcagata gactttttcca ttcatgttaag ttattgtgta gcaaaattta      120
ttttgtcagt tcactacaca atgtgacagt atatagtttc tctaatagag taacattaaa      180
gaggacatat aataatacca aaaatttgag ttccagataa gttttgtgtc tcatagcaa      240
gatgacgtca aataactcat ttaatttttt tgaatatcta attttctgtt ctgtaaaaaa      300
aaaaagcaat tgcctcttgt ccaaaagact atgtagggtt tttaaaaatt ttttattatg      360
tcatatacat gtgcatac      378

<210> 762
<211> 353
<212> DNA
<213> Homo sapiens

<400> 762
cgggaggctg aggcaggaga atcgcttgaa cctgggaggc agaggttgca gtgagccgag      60
atcgacccat tgtgctccag cctgggcgac aagagcaaaa ctctatcta tagaagaaaa      120
aaccaaaact ccagttttag aaaaaaaaaa aaaaaagctc ccccgggccc gggggagggg      180

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tttttggtta	aaatcccaaa	cctttgaaag	gttgggggaa	aaagatacct	ggaccccccg	240
ggtgggaaac	cgccgggcta	taatagggga	taccogtttt	tttaaaaagt	taagaataag	300
gggggggggg	gggggggatac	cccttagaac	ccgagatttt	ggaaggcccg	ggg	353

<210> 763
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 763						
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agatagcaaa	attagatgac	tttttggtac	taaatcacaa	atattgggaa	agatatctct	120
caaagaagca	aggacagtag	ttacaagtta	tactggcagt	tattgaagat	acttaagatc	180
caagaacttc	ttgcttttat	gctagaatac	attatgatag	tgtcggacac	tgaagcaaat	240
accatactgc	ttatacttgg	tcttccagtt	ttttgtataa	ttaattttat	attttttgaa	300
gatgatagca	atatgctaaa	aaatgcttgt	ccctctatat	aatattctgt	tacgcttgaa	360
aaatatcttc	tccagcgttg	gttactgacc	acccccacct	ccccc		405

<210> 764
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 764						
ggcaccgagag	agtcctgtag	tttatcatat	tatcaaggaa	aactgtgacc	caaagaagtt	60
taggaatcac	atacagtgct	gctggctttt	tgtgcttggc	aaatgagtga	caatagaaga	120
aataattttt	cttacacatt	ttaaaaacgt	ttctcttctt	tgtgattgaa	gatgaaagga	180
gtaagaattt	aaggcatttg	tttaatttat	actggcaact	tatttagggg	ggaggggaca	240
tgaaggttag	taaatagtta	ggcctctaat	tgaaccacct	ctctaaagta	tgcactgata	300
tataagctga	tattgtgttt	gacattctga	aggggtttct	tttttttttc	cttttttttt	360
ttttttgggg	ggggccgggg	gctaaaaact	tttttttttg	acccccggc		409

<210> 765
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 765						
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cccccttttg	caaatgatat	tttggaaagca	caaaagaaaa	agctcttaata	caaatattca	120
taatgaaatt	atgaacttaa	taataaccaat	ggcaagacag	aataattagg	agaaatcggg	180
taacgagcat	ctctcctatt	tttagtttgt	aagccttttt	tgtctttttt	tttttttttt	240
ttgaaaaaaa	agttttattt	tttgcctcag	aaggccaggg	aattaatttg	gcttaattgg	300
agcctcaccc	tccggggtta	aaacatcttt	ctggctaaaa	cttccaagat	atttggaaat	360
agggggcctc	ccccccccc	g				381

<210> 766
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 766						
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accagatgat	gttttaaccg	ggagtttatc	aatactgttg	aaagagaacg	ccttgagag	120
ctgctgacac	ctatatataa	tgaatgaggc	tgggaaggatc	acgtgaaggc	actctgtaaa	180
gataatgatg	ataaatgata	tgattcggtt	tttgcttttg	cataaaggcg	tgttagagag	240
ataggactat	aacacgttac	tgtgtgtgac	ttgtgtgtgt	aaatcactcc	aaaaggcaga	300

gccttggtac	ctgacagtgt	aaagaaggag	ctcctacaaa	gaatatgaac	attccttgct	360
cagcatgcc	gcctttaaga	ttgaattaga	ttgggttggt	gtggg		405

<210> 767
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 767						
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gatgtgctga	ggctgtagaa	agtgcttttt	atttggttgg	gagcttggtc	ataaatgcga	120
gaggggtgtc	acatctgacg	gactagaggt	gactcatggc	tgaacccgaa	caggacatcg	180
ggggaagacc	agcagagcgt	gtgtttaaag	tcagaattca	gaaccccaaa	gaaaaatgact	240
tcattgataa	tgaactgaag	agacaagaac	tgagttacca	aaacctacta	aacgtgagtt	300
gctgtgaact	ggggattaaa	ccagaacgag	tggagaagat	cagaaagcta	ccaaacacac	360
tgctcagaaa	ggacaaagac	a				381

<210> 768
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 768						
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tttggggtag	ggacatgagt	gcaggagcct	tactctccgt	tgtgtgtgtc	gggtaggata	120
aaggggtaga	agttggaggg	gttttagtaa	tgggtgggac	agcaaaattc	agagaagagc	180
atbttgaaat	aattttctca	aatatatatt	tttaaaatcc	atatttgatt	ttttccctc	240
agggattccc	aagcatagta	gagctaaaa	gaattaaatt	gggtaaaagt	aaagtaagg	300
ctaagttagg	aaacactttt	aaaaacagga	acctgctcgc	tgccgtggct	cctgccttgt	360
ggtcccagca	ctttggggagg	caaaggcggy	tggatcact	gagatg		406

<210> 769
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 769						
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cttttgggaa	agtggtcaac	accctgcctt	cttaggaaga	gccagagaa	acagagggtc	120
atccocgggg	ttttgttat	ctgcocctgt	ggagttggca	gacgtgggct	tctgtcttc	180
ctgctatggc	ctcagagcct	tagatcctgc	tggtttaggg	aatttgaatc	ttcctgttta	240
gggaaaaatg	agtgcttact	gtgcttttga	gaaatatttt	cagaattcat	ttcttttaaa	300
ttattttcat	tgcttttaaa	ttatatctaa	acaagtatac	catagctttc	ctgagaggga	360
aaaaaatctc	tccaacacat	tgtgcact				388

<210> 770
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 770						
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aacaggaggc	atgtgtgcatt	gaggcctacc	tttggaaaaa	gataccacga	tgctttaaca	120
accgtgggta	atagtgttca	tgccctttgtt	aattgtactc	atgaagtagt	aaataaggtt	180
aatattctcc	attggcatta	tcaaatatta	aagtactggc	caggcggtgt	agctcatgcc	240
tgtattgcc	gcaatttggg	aggctgaggc	aggtggatca	ctagagggtta	gaggttcgag	300
accagcctgg	ccaacatggt	gaaaccccg	ctccattaaa	aatacaaaaa	aattaccgag	360
atgtggccag	gcacggtggc	tn				382

<210> 771

<211> 411

<212> DNA

<213> Homo sapiens

<400> 771

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cacagtgtcg	ggattacagg	gatgagccac	cacgccccgc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaaaaggg	tttgggtccct	tggccaaaat	gggagggcg	ggggtaaaata	180
aaacttaagt	gggcccagaa	ttctttttggc	ctaaccctcc	aaggaggttg	aaacaacggg	240
gggacccctt	aggccgggca	agtttttcat	tttttggaaa	aaaaaggggt	tttttttttt	300
taaaaaggag	tttctttttg	gcccccaaat	gggagggggg	agaccggggc	caacctaatg	360
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<210> 772

<211> 410

<212> DNA

<213> Homo sapiens

<400> 772

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aggggctagc	agaccagcat	ctgccccggg	gaaggatgg	atcagctgtg	ggggtgggtg	120
cagaagggtg	ccacctccta	cctcagcggg	agtcacctag	gaaagatgga	gggattgaca	180
ctattttctc	aataaaatgg	gacttttttt	tttttggggg	gaaacttctc	gttcccaatt	240
gcataaaaaa	cccttttttg	gccccagggt	cccaaaaatt	tttaaaaacc	ccatttgtgc	300
cttttttttg	gttggggggg	gccccaggcc	ttctggaagg	gattttaaag	gggctgacgg	360
cttgaattaa	agggggggatg	ggaatcccg	aacaaaaaaa	ccgggaaccg		410

<210> 773

<211> 383

<212> DNA

<213> Homo sapiens

<400> 773

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tcccgggacc	tgtgccca	cccctggggc	cacgatcacg	ccccagccgc	caaagtcacc	120
gccccctccc	tcccttccag	cggtcccgcc	cgggcgggtg	atggtggtc	cgggtgatgg	180
cggttctcgc	acgcacagcg	gcagggtttt	cctctcctag	atcgcaggcg	gaggcgccac	240
tgcacctctc	aaaactcccc	cgtcgccctc	ccgggaactat	cgggagggcg	ggagggccga	300
gctgacgtgc	gtgcgagcgg	gcgccatgaa	agcgcggagc	cgtctagggt	ctaagccttt	360
ctttaacagg	gggagggcca	cga				383

<210> 774

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 774

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caaggttctt	tcttttttgg	gaggagaaaag	tgaaaactag	gatgctcagc	tggaccacc	120
agcctgagat	tctggggatt	ttagagctgt	cccttgggga	gccaaagcact	tgggggtgga	180
ggtgatagcg	aggctgatgg	ccctgtgttt	ctcagctctc	tgccctgggtg	gcccctgggtg	240
gatggggggag	aggccagctg	tcacgtgggg	tatcaggtgg	ctctgccaga	aaactcccttg	300
gcacacagag	cactgggtcg	gcctcgggtg	gtggctgttt	gggcaggaca	gcctctgtga	360
tgtagccttg	agcaggttaag	ggggccacct	tgagtgggtg	gnccagaaan		410

<210> 775

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 775

cccacgatt	cgaattccgt	tgctgtcggg	gggatcttgc	aaaatgccga	tttctggcaa	60
ggcatcaggt	gatggtgaag	aaagttttga	gtaccaagag	gtagagttagt	ggttcttaga	120
ctttaaaaag	tggacacccc	caccagtgct	tttgattcac	ctcactgggt	ggggcctgca	180
gatttcattt	taaacagggt	cctaggtgat	gctaattgcac	atgaaggga	gggtgtgttc	240
tgagagccac	tgtgggtggag	tagaaacaac	cgaggagaat	caagcccatc	catctcatcc	300
tggcttcttg	agcattattt	cccttttctt	tgnntttgat	ttgagacagg	ggttcaactct	360
gtcactcagg	ctagagtcca	atggcatgat	cctggctcac	tgcagctctn		409

<210> 776

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 776

ggcacgaggt	tgactgcaga	gtgaaacatc	cttgcaatct	cttcccacct	ccttcacgac	60
actgagttgc	catgtgaggt	tcttcaaagtc	tgagagtgga	agggatccct	atggagactc	120
ctattaaacc	cctatttagag	gaagagattg	agagacctag	caatgtgaag	taacaaagat	180
caggcagctg	caagtgaactc	ctgaatcttg	agtccagggc	tttcgccact	acagtacagt	240
gggtttcttt	tcttttgctg	gggagagtgg	gctggaatgg	agagtggagc	ccacaaatta	300
cctgcagaga	cgtggaggcg	tgaggggagaa	catgcttgtt	aaatatgcag	gtagattagg	360
agacacccaa	cagagattca	gacacagtaa	ggctgggatg	agatcctn		408

<210> 777

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 777
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aggggaatcag agacagctcc gtccctagtg gagcgacagg gaggcagaag tcatgacagg 120
cgagggtgggt tctgaggttc acctagaaat caatgaccca aacgtcattt cacaagaggga 180
agcagatagt ccttcagata gtggacaggg cagctatgaa acaattggac ccttgagtga 240
aggagattca gatgaagaga tatttgaag taagaagtgt aaaaacaggga aggttctaca 300
agacagtgat tccgaacag aggcacacaa tgcctctcca gaaaaacta cctatgacag 360
tgccgaggag gaaaaataag agaatttata tgctgggaaa aatacaan 408

<210> 778

<211> 405

<212> DNA

<213> Homo sapiens

<400> 778
cggtgctgtc ggcctctgagg ggcctccttg cagggctgtg gtccaggcgg cctccggccc 60
cctggggctg tggacaggag ctctggctgt cctacgtagc ttgtggagcc gctggggctg 120
cagccacccg atctgctccc ggggtgcacct agctcagccc ttttccctgc aggaatacat 180
cgctcagtgcc aagaagctgct ggggcggcag acagaccctg gagcagctac tgcagcccat 240
cgctcgtgggc caatgtactg ctgtcccaga cactgagaag gagcaggagt ggaccccat 300
aactggggct ctctcggccc tcaagggaag ggaccagctc ctggtcagga gactgagctg 360
tcatgtcctg agtgccactg tagggagctc tgcgggtgatg agcac 405

<210> 779

<211> 406

<212> DNA

<213> Homo sapiens

<400> 779
ggcacgagag caccggcggt tgcatttttg gccagtcgcc tttgcccgcg ccccccgggt 60
gccccatcac tgggtctctac aacaagagtc cctactactg cgggacttgt ggcgcgtggt 120
tccgcgccat ggcgggcttg cgactgcate agcgggtcca tgcgcgagct cggactttga 180
cgctacagcc tcccagatca ccatctcctg cccacacccc acctccagag cctcaacaga 240
ctatcatgtg cacagagctg ggggagacca tgcacatcat tgagacatcc cagccactgg 300
cgcttgaggga caccctgcag ctgtgccagg ctgcacttgg ggccagtga gcaggcgggc 360
tcttgcatg ggacacggcc ttctgtgtgac gccaaactaaa agcaac 406

<210> 780

<211> 411

<212> DNA

<213> Homo sapiens

<400> 780
cggtgctgtc gccgcgctga ccgttttcgag ggcgaggggt acatacagcg tttccagcgg 60
gactttgtgt ccgcgctgtg gctttcacata ccgcccgggac ttcccgcgcc ttccctggggg 120
ctgcctgacc tccgactgag gctgggggtg catgttactc agcgccagga tgaatgtggc 180
acagggcctt ctgctgcatt tctgcccatt agactggaca tggctccgag gcatgtgctc 240
gggccccctt gaagctgtcag ggtcagcttc tcccagccgt gaccatgggc ctgcccgcgtg 300
gatgccccca cgtgggcccc aggggtcccc tgagctggag cacgaacggc gcacccggca 360
gattgtgtcc tggactggcg accacacaag ggccacacctt ggctactacc c 411

<210> 781

<211> 407

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 781
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gaacagagaa acgaagcgcc tttatgtggg tggccttagc caggacattt ctgaggcaga    120
ctacacaaat cagttcagca gatttggaga actttcggat gtggagatca tcacacggaa    180
agatgaccaa ggaacccac agaagtttt tgcataatc aacatcagtg tagcagaagc    240
ggacctgaaa aaatgtatgt ctgtttttaa taaaacaaaa tggaaaggtg gaacattaca    300
aattcaacta gcaaaagaaa gctttctgca cagattggcc caagagagag aagcagcaaa    360
agctaagaaa gaagaatcaa caacaggtaa cgccacactc gttagan    407

<210> 782
<211> 405
<212> DNA
<213> Homo sapiens

<400> 782
ggcacgagac catggcgctc ctcttcaaga agaaaaccgt ggatgatgta ataaaggaac    60
agaatcgaga gttacagagt acacagaggg ctataatcag agatcgagca gcttttagaga    120
aacaagaaaa acagctggaa ttagaatata agaaaatggc caagattggg aataaggaag    180
cttgcaaatg tttagccaaa caacttgtgc atctacggaa acagaagacg agaactttt    240
ctgtaagtct aaaaagttact tctatgtcta cacaacaaaa agtgatgaat tcccaatga    300
agatggctgg agcaatgtct accacagcaa aaacaatgca ggcagttaac aagaagatgg    360
atccacaaaa gacattacaa acaatgcaga atttccagaa ggaaa    405

<210> 783
<211> 406
<212> DNA
<213> Homo sapiens

<400> 783
cgttgtgtgc gggggctgcg cggcgctgtc tttatttgaa cgacgtgaaa attacttttc    60
ccactgaaac acacccaagt atatgcccgag ccttcatgaa agtgaacaga gaaacgaagc    120
gccccttatgt ggggtggcctt agccaggaca tttctgaggc agacctacaa aatcagttca    180
cgagatttgg agaagtttgg gatgtggaga tcatcacacg gaaagatgac caaggaaacc    240
cacagaaagt ttttgcatac atcaacatca gtgtagcaga agcggacctg aaaaaatgta    300
tgtctgtttt aaataaaaac aaatggaaag gtggaacatt acaaatcca ctacgaaaaa    360
aaagcttttc gcacagattg gcccaagaga gagaagcagc aaaaag    406

<210> 784
<211> 408
<212> DNA
<213> Homo sapiens

<400> 784
cggtgtgtgc gaaacttgct gtagaagaaa ccaaaagggga acttctgttg caactatgtc    60
gtttggaaga tgctgcagat gtttatagag gattgcaaga gagaaatcct gaaaactggg    120
cctattacaa aggccttgaa aaagcactca agccagctaa tatgttagaa cggctaaaaa    180
tttatgagga agcctggact aaatatccca ggggactggt gccagaagag ctgccgttaa    240
actttttatc tggtgagaag tttaaagaat gtttgatata gttcctaagg atgaatttca    300
gcaagggttg cccaccagtc ttcaatactt taagatcatt atacaaagac aaagaaaagg    360
tggaacatcat agaagagtta gtagtaggtt atgaaacctc tctaagg    408

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<210> 785
<211> 408
<212> DNA
<213> Homo sapiens

<400> 785
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ttctgttgcg actatgtcgt ttggaagatg ctgcagatgt ttatagagga ttgcaagaga      120
gaaatccctga aaactggggc tattacaaag gcttggaaaa agcactcaag ccagctaata      180
tgtagaacgc gctaaaaaatt tatgaggaag cctggactaa atatccacag ggaactgtgc      240
caagaaggct gccgttaaac tttttatctg gtgagaagtt taaagaatgt ttggataagt      300
tctaaggat  gaatttcagc aagggttgcc caccagtctt caatacttta agatcattat      360
acaaagacaa agaaaagggtg gcaatcatag aagagttagt agtaggtt      408

<210> 786
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 786
cgttgctgtc gggcccgccc aggcggctgc cgtgacctg cctgggcccg ggggaactgaa      60
agccgggaag ggcaagacgg gttcagttcg tcatggggct gtttggaaag acccaggaga      120
agccgcccga agaactggct aatgagtggt cattgaagat aagaaggaag atgagagttg      180
ttgacagcca aataagggat atccaaagag aagaagaaaa agtgaacga tctgtgaag      240
atgctgccaa gaagggccag aaggatgtct gcatagttct ggccaaggag atgatcaggt      300
caagggaagg cgtgagcaag ctgtatgcat ccaaagcaca catgaactca gtgctcatgg      360
ggatgaagaa ccagctcgcg ggcttgcgag tggctggctc cctgcagan      409

<210> 787
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 787
cgttgctgtc gggcccgccc caggcgctgc cctgacact gcctgggccc ggggaactga      60
aagccggaag ggcaagacg ggttcagttc gtcattggggc tggttggaaa gaccaggag      120
aagccgcccga aagaactggc caatgagtg toattgaaga taagaagga aatgagagtt      180
gttgacagcg aaataaggga tatccaaaga gaagaagaaa aagtgaacg atctgtgaaa      240
gatgtgcgca agaaggccca gaaggatgtc tgcatagttc tggccaagga gatgatcagg      300
tcaagggaag cgtgagcaca gctgtatgca tccaaagcac acatgaact agtgcctcat      360
gggatgaaga accagctcgc ggtcttgcca gtggcttggt cctgcagan      410

<210> 788
<211> 410
<212> DNA
<213> Homo sapiens

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<400> 788
 cccatcgatt cgaattccgt tgctgtcgag attagtgcga ttggaagggg catatgtgtg 60
 ttgtctgggta ttccctcgga ggatacgcag aaggaactgg aacacatggt ccgaaagatt 120
 ctaaacctgc gtgtatttga ggatgagagt gggaagcact ggtcgaagag tgtgatggac 180
 aaacagtcag agattctgtg tgtaagccag ttaccctcc agtgtgtcct gaagggaaac 240
 aagcctgatt tccacctagc aatgccccag gagcaggcag agggcttcta caacagcttc 300
 ctggagcagc tgcgtaaaaa atacaggccg gagcttatca aagatggcaa gtttggggcc 360
 tacatgcagg tgcacattca gaatgatggg cctgtgacca tagagctgga 410

<210> 789
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 789
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 tccagaagag aactagcagc tccctggtgga actggatcct cttgtgggag ttaggcaggt 120
 aggtctggag cagggggttg gacagcagcc gggctatacc cttgagggat aactggaaat 180
 cctcctcagc atggatgcgg gacaggtagt tcacaaacag gttctcaggg cctggaggat 240
 cagcatcctc catggcggtg ccagtgggtg tgccgtccac agtggggctg gcaactgctg 300
 cactgtcgtg gtccaaagtg acaatgagca cctgggcagc ctctccacc aggggttccc 360
 ggtagtccga gaagagcagg tggttgtagg ggatcccgta gcccat 406

<210> 790
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 790
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 ttggcgagc agagcgctcc cacacagcac ttgcgggacc tacaggtcat cgcgcgctac 120
 cgggaacgca cgaaggccga gagcatcgcc agcctgctga gctggccat caaccaaggt 180
 cacacgctcc acgcacagct gggggtgcgc gagttcttgg agtttctgct taagaacccc 240
 cacaaacac agcacacggt gactgtggag atcgacaacc ccgagctcag cgtcatcgtg 300
 gacagtcagg agtggaggga ctccaagggt gctgctggcc tgcacacacc ggtggaggag 360
 gacatgtccc acctgcgtgg cagcctggcc cccagctct acctgcgcc 409

<210> 791
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 791
 ggcacgagcc tgggcattta taccttcacg aagcgggtag ccttgaggga gatggagaat 60
 aagccccgga aacagcaggg ctacagcacc gtgtccact tcaacattgt gcaactacgac 120
 tgccatctgg ctgccgtcag gttggctcga ggcggggaag agtgggagag tggcgcctct 180
 cacaatgcga acaccaagtg caacgggctc ctctcggtct gggagacctca tgtccctgaa 240
 tcagcttttg ccacttgctt ggcaagacac aacacttacc tccaggaatg tacaggccaa 300
 cgggagccca cgtatcagct caacatccat gacatcaaac tgctcttcc gcegttcgac 360
 atggagcagc cgtctatcgc atacactggc ggtggcgccc gggagagcaa ca 412

<210> 792
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 792

tgagcaagga	tggggctggg	gcgagagggg	gaacaggagc	gagctggcct	ccagctctctc	60
atgggtgcaga	tctgcgaggg	acacatgacc	cgcagtgctc	ccaggtgacg	cctcattagg	120
aagtggggaga	tacatacagg	ttagcaaaac	tgggcctgca	ggtcatgtcc	ttttccgtgt	180
gtcctgtgag	tgaagaatgg	ttttacatta	ttttttatct	tagttttttg	agacaaggctc	240
tcaactccatc	gcccaggctg	gggtgcagtg	gcattgatctc	ggctcactag	agctctctgcc	300
tctctgtccc	aagtgatcct	ccgcgcttag	cctccctagt	agctggcact	acaggtgctgt	360
gccaccatg						369

<210> 793
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 793						
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tcacgccatt	ctctgcctcc	agcctcccaa	gtagctggga	ctacaggcgc	ccgcactac	120
gccccgttaa	ttttttgtat	tttttagtaga	gacgggggtt	caccggttta	gccgggagtg	180
tctcgatctc	ctgacctcgt	gacccgcccg	cctcgccctc	ccaaagtgtc	gggattacag	240
gcgtattcat	gaacttttac	atgaatgagt	aaggacattg	aaagatgcat	gagatgatgc	300
atacatcttt	gtgggtgact	tatcattgca	tgatgcattga	cgtacatgtt	cagagtaata	360
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<210> 794
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 794						
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tggtccctgtg	aaagcatttc	ctgcttttct	tcagacgggt	tctctagagg	actttctaaa	120
gaaaaattcag	cgagtggtat	ttgatataat	ccaccatct	ttacagcaga	agaatacat	180
acttccatta	tattttggata	ttcagtcagt	gagaaaaaca	tattaaaaata	atttcatggc	240
cctgatgtta	attctagtct	attagtttta	taaaagctag	gatttcttatt	taggaacacc	300
agaaatgact	ggtagcaaaa	aatgaattta	ttgatgggaa	ggcacagact	cacaaattga	360
taacttgcgc	ggactaggtg	ccaaacgggtg	aaatctggcc	a		401

<210> 795
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 795						
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gcactgatgc	actccagcat	gggcaagagc	aagaccttgt	ttctaaaaaa	taggtagtgg	120
tatatccata	ttctgggaata	gtgtaaaaaa	tgaaaaaactg	aagataaaaa	tatgaagaca	180
agtcctcaaa	atacttctga	atgaaaaaaa	ttgcaaacat	gaatctcaaa	aacatgctga	240
gtgggcccgg	catggttagct	catgccggta	atcccagcac	ttaggggaggc	cgagttgggc	300
agataaacct	tgaggtcagg	agttcgagac	cagacagacc	aaactggtga	aacccaatct	360
ctactaaaaa	tacaagaaaa	aaatcctaac	tactcgggac	gg		402

<210> 796
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 796						
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ccttcagag	tgtctgggatt	acaggagtga	gccaatatgc	ccatcttgtc	ttttctttat	120
aaacaccaca	gcttcaggta	tttcttttta	gcaacgcaag	acacagactaa	cacactctcc	180
ttccaggac	tttcaggaca	cgtcaccgcc	ctgttataga	tttcttgagt	ccacatttcc	240
tccttcaag	taattattcc	aatcacacta	aataaataat	aactgtgaat	tatttgcttg	300
aagtctgttt	ccgatggact	aggatgtgag	ctccatgaag	accagatcac	agggccaggc	360
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<210> 797

<400> 797

<210> 798

<400> 798

<210> 799

 $\langle 220 \rangle$

<400> 799

<210> 800

<400> 800
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 aaaaaacott ttgggggttg ggcgacccc cctcttagg ggcgggaaa aaagggtttt 120
 tttttgtgaa ttttgagcct cttcttcttt tttgtgcccc cttacgtggt ggcgataagg 180
 atctgtgtct ccacccgggc gtgcttcttt tattgcgttg cttcttgctg gtgctt 236

<210> 801
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 801
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 ggcctcgagc cgccatggc ttcttcaccg cgcagctctg gctgcggaat cgcgttaccg 120
 accgctactt t 131

<210> 802
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 802
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 attacaggca atattccttc atctggatgt tctgtgaaga tagccatgtt tatgggggtc 180
 ttagttttca aactctggca actctgtgaa aaataggagc aaactagaga gccctggaga 240
 ttggtagttag ggaaggagg atagcaggaa gtttgaaaaa ttatcagccc cggggcctaa 300
 aggaatcagc tgcctcattt ttcctcatta ttttttggg taggatggct tgaataatcac 360
 aacgtatctt ggtttacgta attgaagtct tacagaag 398

<210> 803
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 803
 tatagaaatg ctactggctg ttctgtgagt ttagttttta attactgtca atcattcctc 60
 agtgggtcca tgcacagtc ccatgctgca gggaggccag ctctctggg cctcgtggag 120
 taaagtggtt gcttagccca tatcctcctg gacaagtgtc ttggttcttc cctttaccgg 180
 taaagtggtt caaacgtagt ctatcgagtt tgttctattt catctgttct gtttacgaaa 240
 ctgtaacttc atataggact gccttagggc tgaagtaaat aaactgtcaa cctaactaaa 300
 acataaaaaca ggcggggcgc gggggctcac gcctgtaatc ccaccctttg ggaggaacgag 360
 gcggtccaac 370

<210> 804
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 804
 atgaaactct ggaatgaataa gagaacagaa aatgcctgat aaattcagat tttcaaaggaa 60
 catgtacagc tttttagtca aagaggcaca gtttatccaa gtaataaaaa cttatattct 120
 caggataact aagattttatt tagtttagact gagcattcca aattattttat tccacttatg 180
 ttaattcaca caggggaagac tgagggtcag ggggtgctaga tgactggtaa agctttctca 240
 gtacacagc catgacgaca gccaaagttt tctaattttt ggtccaggcc tctctctaac 300
 acatcagtga cttctaaaca atcatctgag aattccgagg tgatccttgg tgacccccc 360

tcctcaccat ccaa

374

<210> 805
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 805	
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cgcgtctttt ggaacagaag gggatcataa gctcttgagt ctctgttttc tgctgtcatc	180
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agagacgtgg ctgggaagag cccctggcct ttgaagccag tgggtgggtg gaccaggggc	300
aacagggcac tgtgctctcg gatgctgggt ctgccaggtc tctctcccat cgcccttttg	360
gactnccggg	370

<210> 806
<211> 373
<212> DNA
<213> Homo sapiens

<400> 806	
aagaagctag taatagtcta gcttccactg ctatctgccc gagcttcagc gattccacc	60
cctcaggggc cacacctccc tgcagggtccc atttctggga aaagccggca atctatgtct	120
tttggaaata ctccctgagc tcccataatg ggtttgaaa gagctatata tagctttcta	180
tacattggtc tctatcatct tataggataa taaggagat aattcatgca cacaataaac	240
tatatgtaat gttacattta gggaaataca ataatttcac tgcctctgcc ttaggatttc	300
catttaagta ggcagagatc cctggggaca ggaataatct ggggttcacaa aagggtgaca	360
cctggccggg ggg	373

<210> 807
<211> 374
<212> DNA
<213> Homo sapiens

<400> 807	
tgcaatgttt tgtaggggca gaattatttc acacacataa gtatgatttt ccccaaccag	60
accacaagct ctccaaggtt aacaacaccc tgcgccaaac ccctccccc caaacaattc	120
ttctgctctc cttagagcaga ctttgatcta aattggatct aaattgactc gaaatgtcac	180
gaaaagaga ttaatgcaca aggtcccttt ctctgagaga aggtgtgata gagcagagct	240
taagcctggg tgggaaatga aactgcccac cactctctcc accccgcttt ggtcttcoga	300
gggtgacagg tgggagcgtg aagagagctg cctctcctgt cccggcctcc atgtgaacag	360
cctcctccca aatc	374

<210> 808
<211> 370
<212> DNA
<213> Homo sapiens

<400> 808	
ctggggccac tgcaaacagc aaaatcacca aaaagagcac aaaaacgcaa accccgaggc	60
tctcgctaga cagttaatgag ggcgtgggtc acctaggagg ggaacggggg aggcggagcg	120

tgccctgggc	tcagggaacg	cacgtccatg	actctaattt	cttgctcttc	tctgctgtgc	180
caaggataag	agggaaagta	ccccaggcat	gtatttgggg	ttcacaaata	cacacctagc	240
cggcgaaattc	gcacaaatcgg	actccgtgaa	tgacaaaagg	gactacagta	caaacccagc	300
ctgtccctcg	gcgccctagt	gtgctgaggg	occtggccgtg	gcaggaagga	aaaggaccgc	360
tcagaccctc						370

<210> 809
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 809						
cgttgctgtc	ggggagatgg	agctgtttta	ctcagtgtgt	gagtgtgtgt	gcgcgtgcat	60
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtctgtctgt	ctgtctctct	cctcctggac	120
ccagggcacc	caagggcagg	gataggcgca	gtgtgtcatat	gaagcagcgc	cagagagggg	180
acctcccagc	tcttatttgc	acctcccca	cctcaccaac	tttggctcct	ctctgggggc	240
atgaatgggt	aacacacacc	agagcagtag	tcacatattg	gagagtctct	gggggcacag	300
ggctttgaat	caggggagta	tctgtccttc	cctcccctga	ccccacatgg	tctcaggggc	360
cccttagggc	ccccatacca	ctgatagctt	tctctct			396

<210> 810
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (404)
 <223> n = A,T,C or G

<400> 810						
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aaacatgact	cttaaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttatt	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtta	atctttacag	180
cgaggggagac	tgcacttacc	tgaatgttct	tggttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcctcc	aaatacttat	cttctgtgag	ctcacaaaga	actcaggggc	gcccccttagc	360
tcctatgact	ggaaccattg	aaaaggtgtt	tgctanaagct	ggag		404

<210> 811
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 811						
cgttgctgtc	ggaccgacac	tttctactct	caggcacatg	atcaattctc	tccattttcg	60
tctagcagtg	gaagaagact	gaatatctcg	tataccagaa	acatgactct	taaagatggg	120
aaaaacaattg	tagccatagc	tgtaacgtat	aacctgatg	ggctttatag	catcgaagatt	180
gaagataaaa	ctttcccaagt	ccttggttaat	ctttacacgc	agggagactg	cacttacctg	240
aaatgttctg	ttaatggagt	tgctagttaa	gcgaagctga	ttatcctgga	aaacactatt	300
tacatatttt	ccaaggaagg	aagtattgag	attgacattc	cagtcoccaa	atacttatct	360
tctgtgagct	cacaagaaac	tcagggtggc	cccttagctc	c		401

<210> 812
 <211> 372
 <212> DNA
 <213> Homo sapiens

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<400> 812
cagaaagctt cattaataacc agtaaagaca tcaagacaat gtaactactg attattacat 60
gaagctaatt tgaagtacaa tcttagatac aaaataagac atagaagtaa tgagtgcaga 120
aggagtaaac agtgaacgta ggtggggggt gctaggtaac aaatatcaat actgactaat 180
actggcatgg ttatgtgtga gttaaaaatt ttaagttaac tatgttcata ataccctaaa 240
ccactggaag gggggaaaaa ggaaaattag aaaacttcac ctattcaagc gacatggaaa 300
atggaatttt aaaaaatttc aaaattctgg ttaatgcaaa ctaggatgct aaatagaagc 360
ccccaattat ct 372

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<210> 813
<211> 367
<212> DNA
<213> Homo sapiens

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<400> 813
agttcccaaa ctagggcctc agtcctatcc ttcaaaaaaa caagccgaac tttgttttct 60
gtttgccaaag gaaagggatt agtgtgtctg caccaagaaa agtaattctt ttccatacaa 120
aaaaggatag gtactatatt ccaatcaagg taacaaacca gtggggtcaa aaagaattgc 180
cttttaattg tgaataacatt tctgtatctt ttaaaaaaag aaatctacgg gaagtataaa 240
ggcaatcagg taataaaactc attgaaaatc agttatagta ttagcaaaag ttacagctgg 300
ttggctttgt cacatagtcga tagtttgtgg gagaatcttg accttatttg atgctgtataa 360
tacttgg 367

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<210> 814
<211> 404
<212> DNA
<213> Homo sapiens

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<400> 814
cgttgctgtc ggggatgtgg cgcctttttc cgtctgcctt cgcgcceccc ccgccccgcg 60
cagctaaaatt ccggcggagg ggcgaagctgg caggccgggt cctcccactc tgggcagcgg 120
ggtcccgctt cccctcccc cactatttggc agcgtctggg ggtctggggc agttctgttc 180
attcaaccgg gggagttggg tttccgggaa gggctggaag ctctcccttc gtttctctgt 240
gggtaattgg gtggtgcctt tgactccggg ggtggaaaag cgaccccaca ttcaaggacg 300
ccaatggcat gttgagcttt cccaatctaa accaggtgcg tggagggaag caagtgcctta 360
ctcccagctt ccacccctgag cagcgggtct ctaactttag agcg 404

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<210> 815
<211> 396
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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<400> 815
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gcagcggggt cccgcgtccc ctccccact atttggcagc gttctgggggt ctggggcagg 180
ttcgttcatt cacccggggg agttgggttt ccgggaaggc tcggaagctc ctccctcgct 240
ctcgggtggg taatgggggt gngcctttga ctccgggggt ggaagaagcga cccacattc 300
aaggagccca atggcatgtt gagctttccc aatctaaacc aggtgcgtgg agggaagcaa 360
gtgcttactc ccagcttgaa ccctgagcag cggttg 396

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<210> 816
 <211> 399
 <212> DNA
 <213> Homo sapiens

 <400> 816
 gagcatatta tcaagggtcaa aggcagcgtg ataagtacct gacaattctg aaagctgtta 60
 aagtgcttca ggccagtttt agaggagtaa gaggtagacg gactcttata aagaagcaga 120
 ctgcagcgac actcatttag tcaaaactaca gaagatacag acagcaaaac tactttaata 180
 agttaaagaa aataacaaaa acagtaacgc acagatactg ggcaatgaaa gaaagaacca 240
 tacaatttca aagggtataac aaactgagcg attctgtaat atacattcag gctattttta 300
 ggggagagaa agctagaaga catttaaaaa tgatgcatat agccgcgaact ctcatcaga 360
 ggagatttag aactctaagt atgagaagaa gatttctcg 399

<210> 817
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 817
 ggcacgaggg accggggccga gccggggccgc cggggcgccag tctttaacca tggcgctcct 60
 ctccaagaag aaaaccggtg atgatgtaat aaaggaaacag aatcgagagt tacgaggtac 120
 acagaggctt ataatacagag atcgagcagc tttagagaaa caagaaaaac agctggaatt 180
 agaaatttag aaaaatggcca agatttgtaa taaggaaagct tgcaaaagttt tagccaaaac 240
 acttgtgcat ctacggaaac agaagacgag aacttttgcg gtaagttcaa aagttacttc 300
 tatgtctaca caaacaaaaa tgatgaattc ccaaatgaag atggctggag caatgtctac 360
 cacagcaaaa acaatgcagg cagttaacaa gaagatggat 400

<210> 818
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 818
 ggcacgaggt tccgatgtgac ggagcgcgtt gtcctccaca gacaccagac aggccggacc 60
 tgccacaagt gtgggaacca gctgcgggac accattgtgc actttgggga gggggggagc 120
 ttggggcgag ctctgaactg ggaagcggcg accgaggtcg ccagcagagc agacaccatc 180
 ctgtgtctag ggtccagcct gaagtttcta aagaagtacc cagcgctctg gtgcatgacc 240
 aagcccccta gccggcgccc gaagctttac atcgcaacc tgcagtggac cccgagatgc 300
 gactgggctg cctcgaagct acatgggaag tgtgatgacg gcacgcgct cctcatggcc 360
 gactgggctg tggagatccc cgcttatagc agggggcgagg atcc 404

<210> 819
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 819
 ggcacgaggt ctatcatata ctatccaaat gaagtcatgt tcaaaagtta cgctgccaat 60
 gtaaatccta tagacgttaa tatgagaagt ggttatggag ctacagcttt aaatatgaag 120
 cgtgatcctt tacacgtgaa aatcaaaagga gaagaatttc ctctgactct gggcgggat 180
 gtctctggcg tgggtatgga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240
 gtctgggctg cagttctctc ttggaaacaa ggcactcttt cagagtttgt tgtagtcagt 300
 gggaaatgag ttctctcaaa acccaaatca ctcaactata ctcaagctgc ctctttggcca 360
 tatgtggctc tcacagctcg gtctgtcata aacaaagttg 400

<210> 820

<211> 398
 <212> DNA
 <213> Homo sapiens

<400> 820
 ggacagaggc atggcctttc ctgagcctta gccgcggcct ccagagctgc cgcagaaaac 60
 gttgaagagc ctggactgcy ggcagggggc agtcgagacc gtacgattta atgtggatgg 120
 caattactgc ctgacgtgcy gcagtgacaa gacgctgaag ctgtggaaac cgcttcgggg 180
 gcgctgctgc cggacgtaca gcggccacgg ctacgaggtg ctggatgcgg ccggctcctt 240
 tgacaacagt agtctctgct ccggcgccgg ggacaaggcg gtgggttctgt gggatgtggc 300
 atcaggggcag gtcgtgcgca aattccgggg ccacgcaggg aaggtgaaca cggtcgagtt 360
 taatgaagag gccacaggta tctgtccgg ctctattg 398

<210> 821
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 821
 ggacagagga gccatgcgag cagctcgctt ccttgaggaa agaactgtga cagaactgat 60
 attacagcac cagaaccttc agcagttgtc tgccaatcta tgggcccgtg tcaggggtcg 120
 aggatggcag ttttttagggc cagctatgca agaagagggc ttgaagctgg tgttactgtg 180
 attagaagat ggttctgcccc ttccaaggaa agttctggta ctttttggtg tcagagact 240
 agaaccaaga ttctctcagg catcaaaaac aagtattggt catgtgggtg aactactgta 300
 tcgagcttct gtgtttaagg ttacccaaaag agatgaagac tcttccctaa tgcagctgaa 360
 ggaggaattt cggagttatg aagcattacg cagagaacat gaa 403

<210> 822
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 822
 cgttgctgtc ggcgggtggga gcgatgaggg tctgagacgg tgggagcgg tgtgtgaaga 60
 tggagtcttc cggaggaaat gacaattacc tgacgatcac agggccttgc caccctcttc 120
 tgtcaggggc cgagacattc catacaccaa gcttgggtga tgaggaaatt gaaatccccc 180
 ctatctctct ggattctgat cctcattggt ctgcttcaga tgtggttggc cactttgatg 240
 acctggcaga cccttctctt tcacaggatg gcagtttttc agcccagtat ggggtccaga 300
 cattggacat gcctgtgggc atgaccatg gcttgatgga gcaggggcggg ggggtcctga 360
 gtgggggctt gaccattggac ttggaccact ctatag 396

<210> 823
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 823
 cgttgctgtc ggcagaagga accgccaag ccatatcaag tcgagtcgg gccgtccacc 60
 atgttccggg acattggcca gcaactgcag gccacctgta cctccctggg gtccagcatt 120
 caaggccctc ccaccaatgt gaaggaccag gtgcatcatg ccgcgcgcga ggtggaggac 180
 ctccaggcca cgttttccag cattcactcc ttccaagacc tgcacagcag catgctggcc 240
 catagccgtg agcgtgtcgc cagcgcccg gaggccctgg accacatggt ggaatatgtg 300
 gcccagaaca cactgtcac gtggctcgtg ggacccttgg ccctggaat cactgagaaa 360
 gccccggagg agaagaagta gggggagagg agaggactca gcg 403

<210> 824
 <211> 393

<212> DNA
<213> Homo sapiens

<400> 824
cggtgctggc ggtaaaatat cattttatct catactgtta gtaggagctt cttaactact 60
accattctt aactttaaga agcatagaat ttaaaatata gaacgacgc ttgtatggcc 120
tggatctggg cacttaacct tactaagttt atctcgtgta aactgacctt gctaactcac 180
gtgaggctta aataatacaa tgtggaagac ttccaggcac atttttggtt ttttggtttt 240
tgtttttttc ttgagacggt gtctcaactct tgcgccagg ctggagtcga gatgcacaat 300
ctcggctcac tgcacgctcc tcatcctggg ttcaagcagt tctgccttag cctcggagc 360
agctggaatt aggtcgccca ccaccacgc cgg 393

<210> 825
<211> 229
<212> DNA
<213> Homo sapiens

<400> 825
atgtcctctc cacatgaaga atcaatctga attcttcacc actgatgttt tccatctcta 60
acttgaagtt acaaaactaac tttagcagga atacttatgg cttaactcgg agcatctgtt 120
acaaggcaag aactatcatg tatgtttgct acattcatat ttaatttcta tttttcttgc 180
agctggccac tcgatattgt gttcagggta tgttccctct ttctgtct 229

<210> 826
<211> 368
<212> DNA
<213> Homo sapiens

<400> 826
aatataagtg acaagtacac acacacacac acacacacac acacacacac acacacacac 60
aaaaacacaga aattactgca tcatgagggg ggaatcaaa ttttgtccat agaggtcctc 120
acaaatattc ataattttta tagggcttaa cagttagtcc taacgtcaaa tattcctgaa 180
tgctaactct aaaactctct aatttataga cttttcttac tcttaaccaa tcagcgcgcc 240
atcatactca catgattttt acaaagtgtt ttaactaat tctattccca aaaagtatct 300
gtgtacctgt tgttctggga agcatcagga gaggaagaaa ttaagggtca tgccactgat 360
aacagttt 368

<210> 827
<211> 225
<212> DNA
<213> Homo sapiens

<400> 827
atgtacacat aactgtcatt gtttgcagac aacaggctaa ttcagtagaa aatccatgca 60
aattaaactaa aaacccttta ggacaataga attaatgaag tggaagatta aaagattaac 120
aaagaaaaat aattgtctcc ctgtactggg aataactaat tagtaaatgt aatagacaaa 180
gatcttatgc tatcactttt tcaatgttat ttattttgta cctct 225

<210> 828
<211> 362
<212> DNA
<213> Homo sapiens

<400> 828
tgtagtgggt tagagtatac actgaattaa tgagctattg ggccacgggg agctgaaagc 60
ttatatatgt gtggagacac tgtttctgct tcaactctcat catccttate tccaacatat 120
gtatgtatat tgaataacca accaagtagt gtattttgct agagcttatg gttctcataa 180

ttaatgataa	gactgtcagc	cgggctgtgt	ggctcacacc	tgtaatccca	gcactttttg	240
agtcgcaggc	aggcggtacc	cttgaggtca	ggagttcaag	accagcctgg	ccaacgtagt	300
gaaacccac	atctactaaa	aatacaaaaa	ttagctgggt	gtggtggcac	acgcctgtaa	360
tc						362

<210> 829
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 829						
atatgactat	aaaatctatc	ttcatctgta	gggaaggtaa	tgaattacca	taaatgcctt	60
cataatccag	tctctctccc	tcccctcttt	tctaataaaa	atgcagagag	aaactgttga	120
agctcaagct	gcctctaag	aaagtagaga	ttacagaaac	ataacctcac	aagatttgtt	180
gatgaattat	gaagggaaga	catttatctt	gagaatcatg	agcattataa	tatttatgta	240
ggattagaaa	tttgttatga	ggaggtgctt	ctacctcttc	atgagccact	tatgcactta	300
atgcccaatg	gaagaacatg	attaattcgg	caaaatccaa	ctctcatgaa	tatccccctg	360
ttgt						364

<210> 830
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 830						
cttctcagct	tggggaggtt	taatgataga	tggagaattc	tgaagtttag	gagctacaaac	60
tatttgaat	aaaactctag	ttacatagtt	gaaccgttca	aggttaggtg	tttaaaagca	120
gtttgttcac	aaacaggtat	atacacagta	gagaaaaatt	gttatcttag	caaacgctta	180
tttagctcat	gctgatttaa	tgaggggtgc	tttcatgata	cttaaatagt	ataagaacat	240
tttttacgat	tctatagtta	aacatttgtt	ttgcatacct	tgttaaaact	cgtctctccg	300
tatagcatat	actacttgtt	tgacaggaga	ttcacaaatg	catccaatcc	aaagaacaga	360
an						362

<210> 831
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 831						
taactacatt	ttacagaaga	tgaaccaga	gctcaaggto	atgttttagt	aaagtgaagg	60
ttgtggaatt	cagaaccaga	tttatctgac	tccaaggctc	aagcttttta	ccctctacca	120
tcacccaga	tgtaattctc	gactcattca	ggagtttaac	tttaattgtg	atagtaatat	180
ttcccatca	gctaagtga	ccagcttgga	aataagtgt	ttaattgaatt	tcttcaactaa	240
aatttaaaaa	tgcccttgta	tttatgcata	gctaactcct	gagtttccat	tattgataat	300
attaagaaa	ctggtngtat	atgaaaatgg	tggtgtagca	tacatttggc	ttcattatct	360
tc						362

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<210> 832
<211> 362
<212> DNA
<213> Homo sapiens

<400> 832
ctatcttaga acaagttaga tagtatatgt acttgttaata acttgtgact agatatgtta 60
gtttttgtcta ttaatttttcc tggttaaaaag aatatgcatt gaaatgagat ggaaaaacaaa 120
atgaaaaagt tttaaaaaaat taaatatattt agaaggatca atatcctaag ggttgtgggt 180
aatttttttcc tactttcttaa aacttcagat tcctttcact cacttaagggt tgtactacca 240
ttaatgcaat gttttctggg agtgcaagat ttgcaaatga attaataaca gctagaagcc 300
tcactatttg cacttttata acattctttg ctggttatcat tacaaggtaa aattatatag 360
ta
362

<210> 833
<211> 394
<212> DNA
<213> Homo sapiens

<400> 833
cgttgcgtgc gaaaaaaaacc ccacaaaacc ttgtgggtgt ctgagacaag aacatttcag 60
gcaggaaataa cagtaagtcg gaaggcccca aggtaggaac tgcattcatg atgccgtgga 120
gaacagtcga gaggtcatta tagctggagt aaagtggagt aaagagaatg gtaagaaata 180
aggttggaga gaccgggtgc ggtgggtcca tgccgtgagt ccagcactt tgggaggccg 240
agatggatgg atcacctgag gtcaggagtt caggaccagc ctggccaaca tgggtgaaacc 300
ctgtctctgc aaagaatacg gaaattagcc aggttgggtg gcagggtgctt gtgggtccag 360
ctgcttgagg ggcgtgaggca ggagagccgc ttgg
394

<210> 834
<211> 367
<212> DNA
<213> Homo sapiens

<400> 834
cggagggtac ggagcagccg ggattcagaa tactactaca gagccagtct gagaggacac 60
tgctgcctcc acctccgaac atgtatctgg atgctccagc ttgctctact gtcactctgg 120
acactgaaca ctaggccacg gtgccacagt gctaccacat ctgccctgtg gcaactcata 180
ctggtgggtc agctgtctta actgcttctg ctgaccaaca aaatgcattc tccgtggctc 240
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tcactcccta ccaatgtact ctatcctaac tgtatgggag gcggtgaaat acctaatcgc 360
attttct
367

<210> 835
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 835
acagaagggg ggcctctgcc acactggatc tctctctcat tctcgatcct gcccaaatgc 60
cattttctac agagtggact ctgggtcccg gctgccttga ttcaacagct gggcatgtta 120
cttacttttc ctgtgtccct gtttcaacct taaaatgtcc gtaataacg tgcctacctc 180
ttatggttgg cacaaggctt atgtaaaaca atcgacacag tgactggcac agtgtgcaaa 240

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ggccatatat gattattact taacgtgtcc aattttcatt ttgtgtctat cccctcagccc 300
tatctgacat aatttagtcc cgctttttgt gggactcctc aaccccccaa ggctaggtat 360
ggccaggtac n 371

<210> 836
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (392)
<223> n = A,T,C or G

<400> 836
cggtgtctgtc gggcaaggaa ccactctaag ctcttcagtc actctaattc agaaactgtg 60
tcctttatggc tcaggcaaac agttcatggc agcctagaat gacaggggaaa aagctgggaa 120
gggacctttac aaaatcactc ttgcccaata ctccagccaa agtgggtcttt taaaaaccaa 180
gttcaggctgt ggcgcggttg ctcatgcctg taatctcagc actttgggag gccgaggtgtc 240
gtggatcacc aggtcgggag ttcaagacca gcctgggttaa ggtgggtggaa accccgtctc 300
tgctaaaaat acaaaaatta gccgggtgtg gtgcacgcct gtaatcccag ctactcanga 360
ggctgaggca gaagaatcgc ttgaacctgg gn 392

<210> 837
<211> 307
<212> DNA
<213> Homo sapiens

<400> 837
cacctgtaat aattgtgtgg ctattccgaa tatgcaaagt tgaataaaaa tgcaaaactc 60
tatcatgaata ctcaattgga ttattctcca gctgggtgag aatacttaac tagtacttgc 120
aggtattaat tgatttaatt ctataaacac attttttaaa ggggtacaaac aggcatttga 180
aaaaatttta aatacagatt taataacctga ctcggaagaa aggtataata aggatggagg 240
atatttgctt tccgcagatt ttggagctca attttttttt cttagcaaaa gaaatgggtg 300
gacttcg 307

<210> 838
<211> 361
<212> DNA
<213> Homo sapiens

<400> 838
aaaagtaaga tggagcactt gtcttcatgg aagtaaatc atgataatct tgtttaagta 60
tctatttcag taattatgta ttgttaggta gacattattt cacaggacta ttagagcata 120
ttgaacttag aaactttgaa agctctttgg atgctagctg gtacagaatg cccatctgct 180
ctatgattac tgtgagaatt gtgttaaaac tccctggctc ttgttaattt ccaagtatat 240
tgcaaatatg ggaattcaat atataaagat gaagaaccta gatgttttga gcttttcatg 300
tcagaggtag tctcagagtt gactcatagt tggcaggtc atcttcagct cctttgttta 360
g 361

<210> 839
<211> 392
<212> DNA
<213> Homo sapiens

<400> 839
cggtgtctgc gtttgcattt aaacaagttg gagttcgtaa ggggtgaatta cttgaaatgt 60

actaatagat	agtagagaat	atttacaaca	cattttttaa	aatatgacc	ataataatag	120
gtggcattta	agaaatataa	gcatggtatc	tatcttacct	gcataattagg	agtggacagt	180
ttctctatgat	tagaagacaca	cagttgtcga	gcaaggggttc	taattttttgt	acgtgtttgtg	240
ggaagagaag	ataatacagg	gtgtcattgc	aaagatatct	aactactcta	gataatttag	300
gcctacacta	ctctaatata	ttgggttttc	caaatatttg	atacaccttg	agaactagtg	360
ctcgggtagg	ctcggagaaa	tgactccagg	ag			392

<210> 840

<211> 391

<212> DNA

<213> Homo sapiens

<400> 840

ggcacgaggc	agcagctggg	gaggagccaa	agcctcggcg	ctcacctaag	ccgcaggagg	60
atacacccaa	ctgggagatg	aggaaacagc	aacccagaga	ggagaaactaa	cccacacagg	120
atcattttgc	gaaggagcaa	ggctgaagaa	ccagacctgg	actttcttag	gcaagtaaat	180
ctctattata	tcacggagac	ttgctttgag	aaactctgcc	cttttcaact	tgagatggcg	240
ctattaacac	atctagtctc	ctcctaagca	gccagcaaac	atttattata	cactagatat	300
tatatgtgca	tttgatgata	tacaaggaaa	taaaatgggg	caatttagctc	tagtaatttg	360
gaggctctcaa	cttacggata	ttccaagttc	c			391

<210> 841

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 841

cgttgctgtc	gcttcagaga	tgcttctgtc	aagggctagt	ttgcacggag	gagagcagga	60
atgcagggcc	agggcacggc	cacccagagc	ctcatgctgt	tcaaaaggcc	tgagtgtagt	120
cttttagacca	cacaaggcag	gtcagagagg	acagtgcatg	cttgggagga	tgggcacgggg	180
cagtggttga	ggatggccca	ggtggctggg	gtcaagtgtc	cttaccagcc	cagcctctcc	240
catacatca	tgggacatga	atgtgagggt	gtggtgatgg	tggcagtgtg	aggtttaaga	300
aatacatctc	gaaggccagg	tggtgtggct	cacgcctgca	atcccagcac	tctgggaggc	360
tgaggtgagt	ggatcacgag	gtcaggagn				389

<210> 842

<211> 227

<212> DNA

<213> Homo sapiens

<400> 842

gagacacctc	gtgttcctag	gtctgtgcag	tgacttggga	gtacagtgat	gaatgggacc	60
atatgggtccc	acccctaatg	gcagtcctca	attcctgcct	tatgaactga	agatctattt	120
cttggcctga	ctttatatct	ttcatggtta	aaagttttgg	ggcctctgaa	gtgtgcattt	180
gaactcagcg	atggccttct	ggggctgttt	atgcctatc	acctctga		227

<210> 843

<211> 361

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 843
aaattagata ataaagtgtct tttagtaaca tgcctggcac agtttcattga ttcaaacatt      60
gaaaaaaaat ttttttaatt atcatagtag tgtgtacott tggaaaaaatt ataacttaac      120
agataaggct aagtttgagc ctccagacc ttctctctc tgcatactct tcagggggtaa      180
ctgggatacat gttctgggag catgtcattc caagactgtt tctttgcttt tataaacaca      240
tctgtttcca tagaaatgct gtagtggttg cagagggggc ggtgcgtggt atcatcctgg      300
atttgntatt ctgcgctttt ttgcttgacc taccttggat ggctctctag tcgatacacg      360
t                                                                                   361

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<210> 844
<211> 363
<212> DNA
<213> Homo sapiens

```

```

<400> 844
cggggttcaa gctggactcg ccacgactag attgcagggg actaacgcgt taaattgcgc      60
aactgggtgct gctcttgctg tatttggaga catgataaac gagtatatgc tgcataagacc      120
cgacaactgc attcattgta tgtgtcagggt tcacggggag gtgacagatg ctacacttgc      180
atttattgaa tgagcttatt ggatatcttg ggtgcaagca ggaagcaacc tgcgtacctgc      240
agctccctgt ggccctggtc ctctccactc tgaaaaacatc caggcagatc ttacaactcc      300
tccagtcaca cccagatacc aactctaggc cagaccaatg caatctcttg gcttgaattc      360
aac                                                                                   363

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```

<210> 845
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<400> 845
ggcagcagat tccottgcctg attttattgt acagtgtgca caagcacaat ggtatgcttg      60
tatatagaaa ctaaaaatac tatgaagtac ataagttccc tatggcttat ggagagttat      120
ttattaatta acttttatgtt agggctagta tgaataacct ttaacaattt gtgtgctatt      180
acaacaatga agattcaaat gactccgctt tgaaggatgt ttctctata tggtaaaaaa      240
tatatgaaga agtcttgatt acgtgaagat cacttgactc agaatacttc aatgtatttt      300
gttcacatta ccactaagca tattatcagt aaactattaa ctgactgcac attatgtaat      360
acgttgtact ttttgttgaa ttcaccga                                                                                   388

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```

<210> 846
<211> 365
<212> DNA
<213> Homo sapiens

```

```

<400> 846
cttgggaggc tgaggactga gaattgcttg aaccocaggag acagagggtt cagtgaacca      60
tgatccacc accacactcc agcctgggtg acagatttag actctgtctc aaaagagtta      120
ttaccacaa aatagactat aaaaatctgta gtcttaattt gcatatcatg gttagacagga      180
aaataccttt agcatcttaa taaaagatga atcaaaactct ctaataaata cctagaaaaa      240
gacaaacaat acactaaata taagattaaa gagtagtttc taatacatca ttctaagaca      300
aatgagggga aaaaaccoca tttcaaatatt aagtcaaaaag aaagggtgaa acataaaagga      360
gtctg                                                                                   365

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```

<210> 847
<211> 391

```

<212> DNA
<213> Homo sapiens

<400> 847
tctaccacaag tgaattataa ttaactgcgt cacatttatac attatactga cctttgagca 60
tttcccccaa ctcacagat tttgtttctc agatatggga tattcgcttg ctttttgaaa 120
aacatgaaaa tggtagcaga gtcacgtgct ttgcccagca gatggcattt gtgtgagttt 180
ttcaggatcc ttgtgaatct gtcacttgc aattaccocaa tttgttttga ataactctga 240
tttcagatta atattgcacc atttacataa agagaatgtg ccaaaaatgc tgaatactgt 300
tctgtaatac aactcgactg ctgttagatgt ataacttact tttggtaagc tggttactgc 360
aaaaaggtct caagacaatc cttttctatt c 391

<210> 848
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 848
cgttgctgtc gntattttat gccttcaggt tttaaaaaatt ataaacattt acattacagt 60
aaaagtcact ctggtatata gatctataaa gctctgataa atgtgtagag ttgtgtaacc 120
accaatgcaa ccaaggtaca gaacagtcct cttagcctct cccatcccaa tttatctcctg 180
ctacttttga gacaaaaacca gtccccatca cccaaacccg ggcagacact ggnntttttc 240
ttcggctctc attttttttt tttaggaaaa aaagattatt tttttcccca cgttggaagg 300
ggggccaggg ggggatttgg aaaaaggcca cccctcccct caggggatta ggggttttcc 360
tggcttggt ccccaagggg gtgggaaan 389

<210> 849
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 849
cgttgctgtc gcttacaggg tcatttcagac cccatcttag ccttagatcg gtgcttgcct 60
tactacctga cactgtcctg gggacctggg ctctggcctg tcacotttag ctccaagaat 120
gtacactctga cccattcagg cccottaact ctgacagatg agggtttctt actcctccat 180
gcagggcttg gccagctgtt ggtctcagtc gatcattcag gaagtattta gcagagtgat 240
ttccagaagg cgtagaattt agtgaccaag gttctttct ttttggagg agaaaagtga 300
aactaggatg ctacagctga cccaccagcc tgagattctg gggattttag agctgtccct 360
tggggaggcca agcacttggn ggtggagggt atagg 395

<210> 850
<211> 388
<212> DNA
<213> Homo sapiens

<400> 850
gacaaagctg catgcctggt ctcaactccc tagaatttga acacacggct caggggtatt 60

gagctgagat	cttgagctca	agcaggagag	gagccctcac	tctcagacca	cagagaagac	120
tgaggtgtgg	gatcatggga	tgccacagca	gctgggtata	ccatgctctg	gaagaccaat	180
ctaggaaggg	tgtggcctat	ctgccatcct	cagcctctgc	ctgagggagc	tccatgcctt	240
gcagcaccta	acagacaagc	aatcggagaa	caaaaggctt	gggacaaaac	tagctggggc	300
agctcagtac	tgggacagac	actggaagga	gacctgatca	gtcgagcaca	agctgggaa	360
tccagacagc	aattctctgg	aaaaaaaa				388

<210> 851

<211> 367

<212> DNA

<213> Homo sapiens

<400> 851

ggcctattcc	taatggatag	agaagaaaga	cgacagcggg	aacacacaag	aagaaaactt	60
actcttcgta	gaaaaataga	agaggacata	cagcgaatgc	tgctcatcag	cgtcaaaata	120
gttcaaataa	ttttacgaaa	aaaaaactcag	cttctgttgt	ttatcaggca	gatgtacogg	180
ataatgggat	aaatcaaaag	gaggtataaa	tatttccaggc	caagggtcaa	ttatttcagc	240
gcaggtatca	ccacagagaa	atttttccag	agcttcacaa	gcatttttgg	atacttcaca	300
agaagagaag	gagaccaatg	ctgattggga	tggaagacca	accatagat	caagctatct	360
ctgcgag						367

<210> 852

<211> 259

<212> DNA

<213> Homo sapiens

<400> 852

cggaggagct	cccaaccccc	accgggtgca	ccttgacaga	ccccctccctg	agaatccgggt	60
cgggattcgc	agcctggacc	cacacgtgct	gctccccaag	gcaggtccag	cgagtgcaca	120
gggtgcagatc	ccttgctgcc	acctccactg	gccagtgcct	ccggagccag	gcgtgccag	180
gggtgcacag	acgttagcac	cacgtgcac	ctccccatttc	accggagaagg	aaaccgaggc	240
acaaaggcga	agctttttcc					259

<210> 853

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 853

cgttgctgtc	gcggcgaggag	ccgctgctct	ccggctgagg	gaatcagaga	cagctccgtc	60
cctagtggag	gcagggggag	gcagaagtca	tgacagcga	ggtgggttct	gaggttcacc	120
tanaaatcaa	tgaccctaac	gtcatctcac	aagagggaag	agatagctct	tcagatagt	180
gacagggcag	ctatgaatac	attggaccct	tgagtgaagg	agattcagat	gaagagatat	240
ttgttaagta	gaagtgtgaa	aacagggaag	ttctacaaga	cagtgattcc	gaacagagag	300
acacaaatgc	ctctccagag	aaaactacct	attgacagtgc	cgaggaggaa	aataaagaga	360
atttatatgc	tgggaaaaat	acaaaaatca	aaa			393

<210> 854

<211> 391

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 854
cggtgctgtc gaaactcctg agctcaagtg atccactcgc cttggactcc caaagtgtgt 60
agcttacagg cgtgagccag tgtgcctaac ctggggggtt cttgactgag gcatagccct 120
tggctttctg ttttctctct tctctctctc ctgagggtgg ttgtctgttc ttaggatttt 180
gcttgtcact tccttgcctt caactccaaa aactctgcct gggcttctcc agtggaaacta 240
cagtcagatg gctgaagcat cccggctctt gggtcccatc ttgagctgcc aggtgcctca 300
aatatggact ggaggagtgg ctgtcactgt ggttcgctcc catgttagat acagggctag 360
tctcagctct gccactcccc atgtgtgacc n 391

```

```

<210> 855
<211> 393
<212> DNA
<213> Homo sapiens

```

```

<400> 855
cggtgctgtc gccagggtcac atggggaaga gttagctaca aaactggcca cttaactctct 60
ggaggggggg gtgggtgggg tgtgtctgtg tgtgtctcag ggggctggag atgcctgcgt 120
gggaggagtg cactctgac cagggtggag agtggaaagg ctgagggtcc tcagctgagc 180
tgtgcacatg gcgggacacag gaccggctgg ctgtgagttg gtgtggcctg tggcctgtga 240
aggggtgggg gagggctgtg gagctgggga ttctgggaag ggaatgtcgg ccacgtctgg 300
aggttgtacc agatgaacct agcggcctct tcagtcctg aaaaaacctc agcatctcct 360
ctgtcgtttt gggccgtgac aggacgcagc cat 393

```

```

<210> 856
<211> 394
<212> DNA
<213> Homo sapiens

```

```

<400> 856
cggtgctgtc gccctcctgc ttttttttga gcctctcctg aaactgatag atgctgaaac 60
cactgcagga gcctggccta acgtggctgc agtctccatt actgggcgga agcggagccg 120
ggtagccctc gccgagcccc aggaggcccc tgattccact gctgcaggag gctcagcctc 180
gaagcggatg gcgctgggtc tggaaacgggt gtgcagact ctctctgggccc tggaggaaaca 240
cctgaatgcc ctggaccggg ctgctgggga cggcagactgt ggcaccaccc acagccgtgc 300
ggccagagca atccaggagt ggtctgaagg gggccacccc cctgtcagcc ctgccagctc 360
gctatccaag ttggctgttc tgcttcgga gaaa 394

```

```

<210> 857
<211> 159
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

```

```

<400> 857
tagtggctca naanatgaaa aaataattga acaaatagag gatatggtga ctacagcttc 60
tactgacctg tttagagcca cagaaaaaag attttttttc aaaaatgtat ctatattaat 120
ttcctagaat tggaaggaaa atcctcagta caaaaggcc 159

```

<210> 858
 <211> 393
 <212> DNA
 <213> Homo sapiens

 <400> 858
 ggacacgagg aacatgggct ttgcagcaaa agcgaagaaa tctgctcatg aaaacatgga 60
 tctgaaccaa atatatgatt tgatgcaaga gatcacagag caacaggata tcgcccaga 120
 aatctcagaa gcattttctc aacgggttgg ctttgggtgat gactttgatg aggatgagtt 180
 gatggcagaa cttgaagaat tggaaacaga ggaattaaat aagaagatga caaatatccg 240
 cttccaaat gtgccttcct cttctctccc agcacagcca aatagaaaac caggcatgtc 300
 tctccatgca cgtcgatccc gagcagcatc ttcccagagg gcagaagaag aggatgatga 360
 tatcaaacaa ttggcagctt gggctaccta aac 393

 <210> 859
 <211> 395
 <212> DNA
 <213> Homo sapiens

 <400> 859
 ggacacgagg ctatcataca ctatccaaat gaagtcattg tcaaagttca cgctgccagt 60
 gtaaatccta tagacgttaa tatgagaagt ggttatggag ctacagcttt aaatatgaag 120
 cgtgatcctt tacacgtgaa aatcaaaagg aaagaatttc cctcgactct gggcgggat 180
 gctctggcg tggatgatga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240
 tctcgggctg cagttctccc ttggaacaa ggcactctt cagagtttgt ttagtcagt 300
 ggcaatgagg tctctcaca acccaaatca ctactcata ctcaagctgc ctctttgcc 360
 tatgtggctc tcacagctcg gtctgctata aacaa 395

 <210> 860
 <211> 392
 <212> DNA
 <213> Homo sapiens

 <400> 860
 cgttgctgtc gcttgaggaa gccagttaca tttcaagttg gtgcgggctt gggcattggg 60
 aaaggggatg ctttgccccc acccaccctg cagccttctc cactcttccc tcccttggag 120
 ttccgcccag tacctttgcc ctccagcgag gaaggggaat atgtcctgcg actgaagcaa 180
 gagctacag gagccatgag gcagctcccc tacttctacc ggccagctgt ccccaagaga 240
 gatgtggagc gttattcaga caaatatcag atgtcaggtc cgattgacaa tgccatcgat 300
 tggaacctcg attggcgcg tctaccocgg gagctaaaga tcagagtcgc gaagctacag 360
 aaggaaacga ttacaattct gctcccaag ag 392

 <210> 861
 <211> 388
 <212> DNA
 <213> Homo sapiens

 <400> 861
 cgttgctgtc ggagataagg actgagtgca gaagataaga gaactcgcat gatggaaata 60
 ttttctgaaa caaaagatgt atttcaatta aaagacttgg agaagattgc tcccaaagag 120
 aaaggcatta ctgctatgtc agtaaaagaa gtccttcaaa gcttagttga ttagtggtatg 180
 gctgactgtg agaggatcgg aacttctaata tattattggg cttttccaag taaagctctt 240
 catgcaagga aacataagtt ggagggtctg gaatctcagt tgtctgaggg aagctcaaaag 300
 catgcaagcc tacagaaaag cattgagaaa gctaaaattg gccgatgtga aacggaagag 360
 cgaaccaggc tagcaaaaga gctttctt 388

 <210> 862

<211> 303
 <212> DNA
 <213> Homo sapiens

<400> 862
 gctgctctac cctttaaattg atattgtgtgc attgaagatg tctggatgag gagactaatt 60
 ctagaaggca gacgtgcttc aataaattaa ggccttccct aagaaccctg agaaatata 120
 agatatttgc ttaaatgttt gtgtgagata tttgtctttc aggcacagat atatacaagt 180
 tttttttatt tctatgttta tattgatatg cctccacat ggttaattaa ataaaaagag 240
 gggaaaagga gaaagaaaaa gattcagagc atcatttgtt aaaaagaaat gtatcattca 300
 acc 303

<210> 863
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 863
 cgttctgtgc ggaaggtatt ctccggcctt agaaagccca ggattaatgc aggtattgca 60
 tatttaaaac gaacatttcc atacagcatg agtataaatg actttcccaa gtttacactg 120
 agagtaactg acacagcaac cccagcaaaag tctgagctga gtctgaata attgtataaa 180
 aaggggagag aaacagagtg aagaaaagggt ttcccgagact ctgtccagg aaagaaaatg 240
 agctcgtgga gaggaaataga ctttctctat gaaaacagag ggaacaaaga ggaagatgtc 300
 tgggaaccga ggagtaatag agacctgagt ttacatcact actctgccac tccctaggta 360
 cctcccttta cctgtttccc tactg 385

<210> 864
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 864
 gagacagaga gattagacat tgcaatgaac aaactgggtt tgaccattaa ttacattccc 60
 tggatacttg ctcaattcac cacacatttt tttttttctg aatcaacatg aaaaagactg 120
 gcttagtctg catttaaagc atttcgtaca ttacaatgat cacatgctac aggtatttga 180
 agtgctcaag gatgtgttca cagctaggga agtaaaagcc acataaagaa atgaaatcca 240
 gtttctgtct tcaagacact tacatttctg cataaagtc aaaaaatact attagggaaa 300
 caatacttta tattgggtgc cttctttatc tggaggatgg caaacaacca aatcatg 357

<210> 865
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 865
 caatgagcac aagggaatc attatagtgt attttgctca aacttaattt aaaagcctca 60
 ttttctaga actctaatta ttcagatatt catgacaata tttttttaac agtaagaaac 120
 tctgagttgg cttcttggag ctgtaggtct tgaagcagca acgtctttca ggggctggag 180
 acagaaaccc attctgcaat ctacagtagt ttttcgaaag gctgagatca tttattgatc 240
 gagatatgac ttgttactag ggtactgaaa aaaaatgtcta aggcctttac agaaacattt 300
 ttagtactga ggaatgagaac tttttcaaat acaaaaatat attggcttaa agcatgag 359

<210> 866
 <211> 142
 <212> DNA
 <213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 866
tcctgcacca aagaaatgta aaacaaaccc agagagtgc attgagcagc tttaaagtga      60
cggtgttttc ctttcacctg gtgaatttga gaagcgcagt gcttttgaga ctgtcctgcc      120
aagtggcang  tgaggcatgg ag                                     142

<210> 867
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 867
tctcctttag ctgctacaga ctcctctgctc tcttcccttt ccagcaaaaca ctgtctgctt      60
cctcttgttc caccagctct tgaactcact cctttcaggc tccatcccca ccaccccaact      120
gcattccacta atgccaaagg caccctccatg tggccacato caatgacat ctctctgccc      180
tcagggtccct ggttgaacat gtcagcagca tttgagtgc tgacctcctt tgctttcaag      240
aaacttttcc tgctcttgga tctcttcctg tctccctagc cagattttcc tactttccc      300
ttactgattc ctctaatatt cctccatcat gaagcactgg agtgtcccag ggttcagtcn      360

<210> 868
<211> 351
<212> DNA
<213> Homo sapiens

<400> 868
attctctata gtgtggatat gaatctatcc atctatctat atatatattat ctgggaccaa      60
ctatcttttt atacagtggtg gatgatcaga tataccgcac aaatccctgg ccagtgaggag      120
aagttccctc tactactttc agggccactt ctcagtggaa gtccattttc agctgggtatc      180
acacataacca aaatggccta ttttcagcat gtgccacaca gaccaagact ggccttttctc      240
gtctccattca tcaggtcaaa aggaaacaca catgatgcca taggagtgc atgaggtgca      300
attttggtag ctgacaatgg ggccctgggtc acctgcttgc aatgtacttg t                                     351

<210> 869
<211> 357
<212> DNA
<213> Homo sapiens

<400> 869
gagttccaag tagggaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag      60
aaagctagtg ggaagaagtcc caggattaca tgcaggaaaa ctacaagagg tagaaacatt      120
tgttgattta ccagtggttt taacttcctg ctgggctgaa aactgcttgt ttcgtggaaa      180
agcaaaactt gacagcaaac atctaaaatg aagagctccc aaacttttga ggaacaaacg      240
gaatgcattg tgaacactct actcatggac ttcttgagcc caacattgca ggttgccagc      300
cggaacctat gctgtgtaga tgaagtagat tcaggagagc ctgtgtcttt tgatgtg      357

<210> 870
<211> 384
<212> DNA

```

<213> Homo sapiens

<400> 870
tacggctgct ataatacgcac agaagggcac acacacacac ctttttttac actgagagaa 60
tgagaaaaaac attaaactttt agttctccgt gggccttatt ttcttaaagg aggaatcat 120
tacacagtaa agcattaatg gccagtggtg gcttaattta acaacactac aaatcatgt 180
agagatgtct gatcctctag agaggaaact gtcattcctt agctgcagtc cccctttcaa 240
ctgaagaatt acatttcacc actaggtgtc cacaggggaa caaaggatat cttaacctgt 300
cccattccaa gtccctttca cacacactgc actccataaa caacttgcct taggtcaatt 360
tataaaaacc ttaaatctta tttt 384

<210> 871

<211> 358

<212> DNA

<213> Homo sapiens

<400> 871
tttgtgggag gaaccacttc cactctcagc cactcaagggt ttatcaggat atactagttg 60
agaagcatga aaaaaataaa ctggtaattt cccataacca aaacaaaaag tgttacaga 120
tacttaaaatg atccttgcca atacttttat tctatttagt atatgattag gagtttagta 180
gattaaaaaa cccaccacat aaaagacaac tggatatat tctcctcaga catggtaagt 240
tgatgtaagg gagttaacct tgaacttcct ttttgtagtg gtcataaaat cgcattgagtc 300
atacttgggt agaacacaca tgattttcaa taacaagttt gtcctccact tcattacc 358

<210> 872

<211> 330

<212> DNA

<213> Homo sapiens

<400> 872
gggagcctga ggagggggcct caccgggcct gaggaactc actgagaagt ggaggccgag 60
tcagagcctg tgaggcgagg gagtggggac agtctcagc caaaaaaaca tgcctggcgag 120
aggcaggtgc aggggttaagg tcacaaggag ggaagcgag cctttcagg gcaggagaga 180
aggcggcagg agagaaggca ccaggacaag ggacagaact agaggggggg taggacctgg 240
catttaggaa ccagcatgtg gctggggcctg ggcgtgaggt taagaaggga gagttggcgg 300
ggcacggtgg ctcacgcctg taatcacagc 330

<210> 873

<211> 355

<212> DNA

<213> Homo sapiens

<400> 873
gggtggcatgt acctgtattc ccagctacct gggaggctga ggtgggaaaa tcacctgagc 60
ctggggaggtc aaggctgcag tgagccatga tcacgccact ccagcctggg cgacagagtg 120
agaccctgtc ttaaaaaaaa aaaaacaaaa aaccccaaat aagcagaaac aaaaatcgag 180
aagacagaag tctaagaata tattaataat gtatttctaat atagatgtta aattctaaag 240
tcagcagata agtagaaaat ctgtaaatat aaaactgagt ttgaaaactt caggacttaa 300
agcaggcagt aagaggaagt ttggtggaga gacgatattg ttgaatgta aacct 355

<210> 874

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)
 <223> n = A,T,C or G

<400> 874
 gatttttagga cttgggtgttt ctggcatttc ataggaaata aataaatcaa agcctacagt 60
 aagcaacctt ctttaatacat cttggaaggg gggaaaaccc caagaccctt atttaggatg 120
 aatatattaa tacaatacaa agcacccaac ttctttctgg gaatgactta aganatccat 180
 cagcagaagg agacagttgc acttattatg ggattttctag ggcatggggg cgcnamagaca 240
 aaaaagagct tgggttactt ttcaaaaaca tgaatgctg attccctctt ttgtctatgc 300
 tattcaggcc ttaaaggga aagcacaataa gggttcttgg gcaatgaaga aaaataag 358

<210> 875
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 875
 taaactgaaa aatgagtcta aatgcagcca ctttgcattt ttagttcttc ataagactgg 60
 aagcaaaagca attttactga aatgttatca gtgaaactac tcactctaca atgaaacatt 120
 tgtgtttact ttgtgtgtta gatattttgt gggttaatat gtgcaaatct ttatccaac 180
 acaaatggta taaagagatg agtaagacag tctgtggctc aggggtactt tggttgtaaa 240
 acccagcgac accattctga ctgtggtcct actgggtatt cctctatctag caccagatc 300
 ttggaagac atgttaagca attatcttat cactctactg gtcacaatcc tccaaan 357

<210> 876
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 876
 ctcttccact aacacagga aattccagcc cagtccctgag gaacatggtc aggtcgatgg 60
 gtttaattaa ttcagtatgc aaatgggcca tgagggtttct taaaagagat gacttaaaag 120
 atcctttttc aaatgatgaa gtccctcagc cccacagaca agaatgggccc ccaaggctgg 180
 gcgcagtgcc tcatgcctgt aatcccaaca atttaggaaa cggaggcagg aattcaagac 240
 cagcctgggc agcagagtga gactctatct ctaccaaaaa taaaatttag ttggccgggc 300
 gcggtggctc aagcctgtaa tcccaa 326

<210> 877
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 877
 attacatttt attgagctct tagtatagtc attctactaa ttatcaagaa ttgttaattcc 60
 ttttaatacc atatttagtc aatacattag ccccaaaaac aagtaaaact aagctaagtgc 120
 agactaaata atcagaagtc aaataaact gcccaaggct atatgtaacc aataagtctgg 180
 ccacatctta gtagtaagtc ttagtcgcta acaaaagntca cttagttttt ttttgagaca 240

cagtctcact	ctgtcaacca	ggctggagta	cagaggggag	atctaggctg	aatgcaacct	300
ccacctcccc	gggtgaaggag	agttttctgc	ctcagcctcc	acaataactg	ggaatan	357

<210> 878

<211> 360

<212> DNA

<213> Homo sapiens

<400> 878

attgttatcc	gaaagagaga	aataactcct	gttaaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcataattat	aattatacaa	atgcaaatca	aggcagtgag	180
tcattactct	tatcagaaag	actctaattt	aaaaggataa	acacaacaat	tatttagaaaa	240
tgtgcatagt	gttaactttc	actcacttgt	agtgaaaagt	agtctggaaa	tattttatct	300
atcatagaga	aattccgaga	atcatataga	ggtagatgat	gataaggatt	atgggtattg	360

<210> 879

<211> 225

<212> DNA

<213> Homo sapiens

<400> 879

ttccgttcaa	attctgacta	tgtagtattt	tagcaaacct	atgctagtaa	cattagaaaa	60
aaaataaatt	tactatccat	agactttatg	aaggtcatal	atgaagaaat	gggtgtttta	120
gtaagaacca	gaaatttctt	aagctttcta	ttagatttct	ttagatttta	gttcaaaata	180
gatttgagtg	agttttattc	tgatgcggtg	ctttaccctg	attac		225

<210> 880

<211> 353

<212> DNA

<213> Homo sapiens

<400> 880

cagataattt	ttttaaatct	attattaaca	tgttcaataa	aaagatgaaa	agatggagaa	60
ttttattaga	gaaatggaat	atctaaaaat	gaattacttg	aagagtgtct	aaatgaaatg	120
cagaataaact	gtaagtgaaa	acacagttgg	tgtaacagcg	gattagccaa	agcagaaaaa	180
aggtttgcgt	gaaataacca	tattaaaaaa	tgaagaccag	aaagaattgc	aaatgcacaa	240
aacagcatta	gaccacaggg	agcatgatgt	tataaaggct	taggccgggc	gcggtggctc	300
acgcattgta	tcccagcact	ttgggaggcc	gaggcgggca	gatcacgagg	tca	353

<210> 881

<211> 360

<212> DNA

<213> Homo sapiens

<400> 881

gttagaagg	tcatacaagg	ctttatagaa	aggattttta	agatgagctt	ctatatatca	60
attaaaaaaa	catttcagta	gaaacatggg	cgtatgggat	gataattacc	agaagacaaa	120
tgcaaaataa	tgctgaacac	agggaaaaaa	taatcaacct	ctccaataat	cagaaaaatt	180
gaagtttaac	atcattaact	gttggggggg	tagctaccaa	atttgataaa	aactcaaaaa	240
ttcgtataaa	ttcagaaatt	gagaatagcg	gccgggctgt	gtggctcaca	cctgtaattc	300
tagcactttg	ggaggctgag	gcgggcagat	tacgtgaact	caaaaggctc	agaccaacctg	360

<210> 882

<211> 385

<212> DNA

<213> Homo sapiens

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<400> 882
cgttgctgtc gggcaccgag cctattctgt cgcgttgctt ttatatacat acacggatga 60
gcacatgag gacagtgggc atcaaacatt ttggattatg cgttattaat ccocttatatc 120
actaaaatgc aacactgctg tggatgctat ccttaataata tactgactta tagatgcagc 180
ccactcgaag tttttgtcca gccctctttac ctatataga caacgacttc aacagcgcgg 240
ttgttaatgc cagcgaacca ccatgtgtta tgttagcctg cttggatcaa ttgtaattat 300
tactggaatt gaattaatta atatgatttt gaacagatca tgttcaaact aacatcctgt 360
aaagtagaca ctgtaaggag ttact 385

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<210> 883
<211> 383
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

```

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<400> 883
tacgggttgcg agaatacgac agaaggggat tcaatgcaaa gccacgggct ggaagccaag 60
cgtggggcggc ctctgttctgc catcgggggtg aagcctcctg tgttcgttca ctgcgcgtcg 120
ggtagaacgcc atatgggcag gtgactgggt gctctcgaaac ctcccgcgca agcccaaaaa 180
gccacataat taatgcaat gtccggggccg gccacgctgg ctccacacctg tgatcccgagc 240
gctttgggag gatcacctga ggtcaggagt tcaagaccag cctgggcaac atggttggaa 300
cccgtctcta cttaaaatac aaaaatttagc tgggcgtggt ggctcacatc tgtaatccca 360
gcactttggg aggccgaggt ggn 383

```

```

<210> 884
<211> 357
<212> DNA
<213> Homo sapiens

```

```

<400> 884
attcccacgc aagatagaga taatagcttc cacttgccct ctcaaaacac acaataaaca 60
ttcagtatgt gacagtatta ttaaacccat tatggtccaa tataatgaca cattaaacgta 120
cctattttctc aggcagatta tgggatattt ggagcatgga actaagtaact aatcatattt 180
tgggggtttct ctgtattctc cccaacactt gagttggcac ataagatgtg ttacatagac 240
atttgtttacg tgaattgatt gatccttaac taggggtggg acacaaaata ttccaataaa 300
gattatcgca aaattctctt aatcagtgcc tgatttcttc ttcagatggc attgtta 357

```

```

<210> 885
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<400> 885
aaattataga caagcacaaa gaaaatagat atgcgcttta attccaccac acagagataa 60
tctctgttaa tatttcaagta tgttgttggt aatcaatata ccatcttttg tgcataatga 120
gattctttatt ttgtaaacat gagacactat tatgctttct gtgttgtaac ctcccttttct 180
acttaataata tcatgaacta ttttccaggt tattaaatat gtgacaaaaa tgtctttgat 240
tcccttataa tttttctgtc cataactata agctcctctg tgatttttga ataaattaac 300
ttgttttctc actatacaga cgttaagcttt ttaaaaaaaa atcaactcct aatatg 356

```

```

<210> 886
<211> 357

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<212> DNA
<213> Homo sapiens

<400> 886
cataataggt gctcagttatt tattgaagga aggaatggga aaaggaataa toattctgca 60
gaacacagtag aatcctacttt tggcccccacc ttatttttatt tgtcacttga cctcagttat 120
cacatctttc tgaccttggg ttgctgttag gtattattgtt aaacacataca ctacaaatagtt 180
tataattttaa cttgttaattg ttgtctagct ctggacaatt ggagggccgg ggggggtgctc 240
tcctatttag agaacacggg aatacgcggg gcgcgttggc tcacgcctgt aatcccagca 300
ctttgggagg ccgagcgagg cggtacacga ggtcaggaga tcgagaccat ccgcgct 357

<210> 887
<211> 357
<212> DNA
<213> Homo sapiens

<400> 887
aggagaatca cttgaacccg ggaggtggag gctgcagtga gctgagatcg tggcactgca 60
ctccagcctg ggcaacagag caggactccg tctcaaataa taataataaa acgtatatca 120
ctaataacaa atagatgaga tttaactctt ttagatggga acaatccaat aaagtccatc 180
aataatatag ggcaataaat tttggagagc tttaattact gtgcaagaaa aatatcttag 240
ttgaaatgaa gagtctcctt gccctgtttc cgcacagcag agcaaaccgt cttctccatt 300
cacatttctt ggagtttaaga gcctggccta tgctgggctg ggtggctcac acctgtg 357

<210> 888
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 888
gggggtttcac catgctgtgcc agggtagtct caaacttctg acctcaagtg atccacccgc 60
ctcagcctcc caacgtgctg ggattacagg catgagccac cagcggcagc cctcctctct 120
attttataga catggaacaa gaggcatggg ggaagttaa tgattttgga tacactgcta 180
aaaaccagtg tatctcaaat gcagtggaaa catggccttg cctcacagga ttaggactaa 240
atgaagtga ggaatgtaa aggctagctc agggccagca catattaggc actcaagaag 300
ggcaggctct ccctccttct ggeatagggg aatgaaagat gaggtgaggc agggacn 357

<210> 889
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 889
ctgggaatac aactgttcca gcaaaagggc cctgtcttg ggaagggcca ggctgaggag 60
gggagagtag cccgacctta tgggacatag tcagagacta tgcctttcaag cctccatggc 120
ctcccttgca cggcagagaa gtgggtatag aaagtatggt cagggagccc agtgagagacg 180
gagctggcca gccaggaagg acctangtat tctgggcagg aggggtgagaa gggctcctc 240

ctccaggcct	gccaggccg	cctcctgctc	caagctccgc	tagctgcccc	gggtccgct	300
agctgcctg	ttcccgcac	caccac				326

<210> 890
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 890						
atagatgaga	ttaaatctct	ttagatggga	acaatccaat	aaagtcctac	aataatatag	60
ggcaataaat	tttgaggagc	tttaattact	gtgcaagaaa	aattattctag	ttgaaatgaa	120
gagctcctt	ggcctgtttc	cgcacagcag	agcaaacctg	cttctccatt	cacattctct	180
ggagttaaga	gcctggccta	ggctgggcgt	ggtggctcac	acctgttaatt	ccaacatttt	240
ggggggccaa	aggggggtga	tcacctgagg	tcaggagttt	gagatcagcc	tgggcaacac	300
agtgaaccc	tgctctaca	aaaaatacaa	atattagcca	cgtgtggtga	cacacgcctg	360

<210> 891
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 891						
tacgctgtta	tattacaaca	caaggggaac	tggttttctt	tgattagata	actccatgcc	60
atatcttaatt	tttaaatgcc	ttgcattccac	acttatcaca	ccaaaatact	ttaacattct	120
ttaagtctta	attcttatct	cctcaagggt	ttgcgggaaa	gagggacagg	aataaccttt	180
cacctttgtc	tctgatgaca	gtcagcgcaa	aactacttta	tcattcccgc	aggggaagcc	240
aatacattcc	cagcaagtat	aatttctacc	agaacaactc	atgaatgtg	gtaagaataa	300
gtgtcggggc	gacttaagat	aatacttttt	aaaaaaaaat	agagaacaca	gttttaaaaa	360
tctttctttt	taaaacgaga	tctg				384

<210> 892
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 892						
attcctacca	agtgacaaaa	aaatctcaag	agagttatca	agagagggaa	aaagagagaa	60
aacactaact	agcagtgaac	caattcctct	catatgtatg	ttaatatagata	aatcagtgta	120
ttaagttaaa	taagtatgca	gcaattaaaa	aatttaaaaa	tagtctggga	ccaaaagaag	180
taggggattt	tgctcaaatc	aataaattga	ggtaggaaaa	ggaataaaaa	agtaaaaaac	240
ttttccaaag	gtaattttag	gtgaagcagt	aaagatat	tacaagtttc	actttttggg	300
cctgagggaa	ggcacatttg	tgaggagaaa	atggtgtgct	gtgtgttttc	atgta	355

<210> 893
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 893						
tagaagcatt	tgctgcttga	aataaatctc	tctttgggga	atgagttata	tatacatccg	60
tggtggggga	cctatgcaca	catactcaca	cgcgcatata	tattatgcat	tacagacaaa	120
atacatgggc	aaatccccaa	gcaggcagcc	cagagctctc	gggagggaag	gtgatccgcc	180
tgtagcttc	aaaggacatt	taaagaatag	tggaagggcc	atgcgcgggtc	gttttttttg	240
acctggggcc	atttgtgagc	gcgaagcgtg	atttattctt	cttaccgtat	aggtgtgtct	300
gcgaccttgg	ggccaacctg	cttatgtttc	tgccgtttcg	ctttcccggtg	tatctctg	358

<210> 894

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<211> 355
<212> DNA
<213> Homo sapiens

<400> 894
gggtgcacatt attgaactcc tactgtatag taggatgaac aggagccagt ccttgccctt 60
gggaggccca ggaggtgatg aggaggacag acgagaaaca tgtatttttt tttaacctta 120
aaatctttta tcaactcaac atgtagatatt caacattaaa agcgtccctg ctggggcaaca 180
agcagagtgc acaggttcct gccagggtca agttcctggc gcatagccta cagggttgta 240
ggtcagagggc tgcctgggagt cagcaagcac ttgtaatcgc cagtgcctcc cctgcccact 300
caggggaggtg atgctggctg gctttaggga cccctcaggt ggggcagaac ccagg 355

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<210> 895
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<400> 895
gacatgatga aggcaggggc ccaagggagg aggctgtgag gctgtgaggc tcaagctgga 60
gtcttgtttc ctgcggtgcc tcaaccagga cccctgctcc tctcctccgg ctccagcaca 120
acgaagcctc ctctcattaa taaacagttc cttaaatgat aaaggaatg ggataaggaa 180
aaagaaacaa gaagaaaaac agacagaggt gcttttgcca ggcattttaga ctgattttcc 240
cgtttaatto tcccaacctc cagaaatgaa ggtttattcca gtctttgtca gagaggtgga 300
gcattcttgc gcagatccca cagcttgaaa a 331

```

```

<210> 896
<211> 381
<212> DNA
<213> Homo sapiens

```

```

<400> 896
cgttgtgtgc gggacaacct tcatttaaag gcactttggc ctttgccag agttcagcgg 60
gccacactca ggctggatgg gctgcagggc tgcataattg aaacagcaac aggtgctgac 120
aggccagaga gctggggaga gactggcaca aaggagtga catgccctgg cccaaaggcg 180
caccacacct ccagctacag gggactgtgg accctaagtt aaggggcgct ttaaatattc 240
attctcggac ctacttttgg attcattatt ttatattcat ttcttaacc agggcctcac 300
aaatgggtat agtttagggc ctagaaagcc tgggccttgg ggcctggcgc ggtggctcat 360
gcctgtggtc ccagcacttt g 381

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```

<210> 897
<211> 353
<212> DNA
<213> Homo sapiens

```

```

<400> 897
tgggagagag ccatggtaga agtggatctt tcagccccgt caagtcttta catgactgca 60
tccctgggta acatcttgac agcaacctca aagacctga gctgaaacca cctagccaag 120
ttactctaca attcctaacc cacaaaaacg atgagatagt aaatgtttac tgctttaagt 180
tgctaatttt ggggataatg tgttacacaa caataataaa tacatttaacc tggttatggg 240
ttgaattgtc tcccaaaat gtgtgggtgaa ttctataacc caagtacctc agaatgtgac 300
cttatttggg aataggatcg atgcacatgc aatgatttaa gatgcagtca tag 353

```

```

<210> 898
<211> 359
<212> DNA
<213> Homo sapiens

```



```

<400> 898
caggcccaca ggcaccaccc cccctgcttg acagttggcc taaagtccgc cccccccacc      60
agagagagct gcgtatagcc tctggcctgc aagcacctgc cccaggattg acaactggta      120
aggtggccacc accccaccat agaaggttac cagcagcagc taccacatgt tgcctgccct      180
tggccttata gccagcccca cctcaccaga gagagttgtg cacaactgtt ggacatttac      240
ccaacctgtg tttgacagcc agcttggaga tggccctgca ccacagggaag ggatcttgtg      300
cagcaaccaca gccatttatg tcttcctgtg cctgagagca agcctggagg ggaccctac      359

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<210> 899
<211> 327
<212> DNA
<213> Homo sapiens

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<400> 899
atgactctct tcttttttca ctgctgggta ttattttaa ctccacagggc agaataacag      60
ctctagagct caatttatct ggaggagatt cagcacacct gcttctcttt ttccactggc      120
atggctcttg gtgcaaatat gtatttatgt aatagttaga aatataaacat cagcaccaac      180
agaaaaatat tcaacgccct ttattaaaca tcaaaccaact ttgtcaatgg gaaaagctgc      240
cccaactgtt ttagatctta cctctcaaca ttgttgtaaa agtacctttc cactctctgtg      300
tagtgtcttt gagagggttt gtctattt

```

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<210> 900
<211> 381
<212> DNA
<213> Homo sapiens

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<400> 900
cgttgctgtc ggagacttcc caggaaggtc cagcgccctc tcagccttgc tactcagaac      60
aggcgatgat gggcctcagt aacctgagcc cgggtcctgg ccccgccag ggcgtgcctc      120
tcccagaggg gctgtccgcg cagcgggtaca gagaggagaa gacctcggaa gagcggcggt      180
gggagagggc ggagttccct cagaggaaga aagcattcct gcggcatgtg agggaggagac      240
accgcgatca catggccccc tatgctgttg ggaggggaagc cagaatctcc ccattagggg      300
acagaagtca gaatcgattc cgaatgtgaat gtcgatactg ccagagccac agggcccgat      360
ctttctggga tccctggggg g

```

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<210> 901
<211> 351
<212> DNA
<213> Homo sapiens

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```

<400> 901
aacacattaa aagccacagt tcagggatat cagagctaga gaaaaactgt caaaaagcaa      60
atgcagagag ccttgagggt atgtgtggaa tacccacgag gaggaagtgc ttaatcagtt      120
atcttgcaaa gactcaacag aacctgggca taaaccaga cttgagcaaa cactaagaca      180
atggctcctg caagaactgt ctctctctca tatttggagt atgtcagata cagcagtgcc      240
tttcagaagt tgcctaacat ccctaagaa ttggaatag coactctttt tttctgattt      300
aaaattttct tactgttgca aattaagaaa ttaaaaagat gtttaagatt t      351

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<210> 902
<211> 273
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

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[illegible]

09693-7

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<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G
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<210> 908
<211> 381
<212> DNA
<213> Homo sapiens
```

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<210> 909
<211> 380
<212> DNA
<213> Homo sapiens
```

```
<210> 910
<211> 354
<212> DNA
<213> Homo sapiens
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231

gaggagagtc	actacagaca	ccaagaatcc	attcaggcat	gtctttaact	tctacttccc	60
ggtactgcct	gccacaattt	tatcccttag	aaccacagaac	agctggggagc	agataaaaac	120
ttcttggggt	atgagttccc	agatgatgct	gctggcctgc	ggactgtact	ttgtgaactt	180
atgctggagc	agatggatca	gaaaccccg	ccagaggatg	ctcaggaccc	atcaagcccc	240
cgcgaggaa	gactcagacc	cccaacccca	ccaaattaaa	gcaggccaatg	gagaattata	300
ctgaagggat	tcttcggctg	ggcaaaaaa	tgattagatc	tgcatcttaa	agaa	354

<210> 911
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 911						
ctctcatttag	tgaacatcca	attcagaaga	aaaaacaacag	tgaagacatt	atgtattttat	60
gcagactaca	aattctgatga	aagctatact	ccaagcaaga	cctcagtcag	agtaggaaat	120
aattttccaca	accttcaaga	aattcggcaa	cttgagttgg	tggaaaccaag	tggtcggatt	180
catgttccct	taactgacaa	tcataagaag	ccaactcgta	cattcatgat	acagaatgct	240
gttctagcca	atccacagaa	tgaagagac	acccatatga	gacaaattta	aataatacaca	300
ccaggtagaa	gagagctcca	ttggtaaatt	tcn			333

<210> 912
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 912						
cggttgctgtc	gcccccacct	ccccgttcta	gccagcaaca	tggatctcct	gtggatggct	60
gaagccaaga	tgcccaggtt	tggacatggc	acctttctgc	tgtgcctgga	aaccattttac	120
cagaaagtga	cgggcaagga	gctgagatac	gagggcctga	tgggcaaac	cagcatcctc	180
acttaccagt	atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	240
cccattccgga	agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	300
ctgttccacc	agtacotgca	gaaggcaacg	catgatgggg	cgccagaact	aggggcccgg	360
ggcacacggg	agcaacagcc	ctcacg				386

<210> 913
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 913						
acagaaccac	ttcaactcct	tctttctctc	caagtgtaca	caatgtgaca	gggactgttt	60
ctcagaagac	atctccttca	ggtagaacag	ctacctcacc	cctctgtagt	ggcacaaaaca	120
catccatgat	gacatcagag	aagataacag	tgacaacctc	cacaggctcc	actcttggaa	180
acccaggggg	gacatcatca	gtacctgtta	ctgggaagtct	tatgcagatc	acctcagcag	240
ccctta						245

<210> 914
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 914

cgttgctgtc	ggggcgagtg	aggggtctgag	acgggtgggag	cggttggtgtg	aagatggagtg	60
ttcccggagg	aaatgacaat	tacctgacga	tcacaggggc	ttcgacaccc	ttcctgtcag	120
gggcccagag	attccatata	ccaagcttgg	gtgatgagga	atttgaatc	ccacctatct	180
ccttggaattc	tgatccctca	ttggctgtct	cagatgtggt	tggccacttt	gatgacctgg	240
cagacccttc	ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg	300
acatgcctgt	gggcatgacc	catggcttga	tggagcaggg	cgggggggctc	ctgagtgggg	360
gcttgacat	ggacttggan					380

<210> 915

<211> 164

<212> DNA

<213> Homo sapiens

<400> 915

cactgcctttg	taagtctttt	cttatttttt	catatgtaca	tttgactttt	ccagctaggc	60
tgtaagtctc	ctaaggccag	ggtgcataat	ttccatatgt	tttggcacct	atactaggcc	120
tgggtatata	ggaagcaatt	aataatatatt	gttaaggctg	gggg		164

<210> 916

<211> 344

<212> DNA

<213> Homo sapiens

<400> 916

agctgggact	acaggcgccc	accaccacgc	ctggctaatt	tttttgtgtt	tttagtaggg	60
acggggtttc	actgtgttga	ccaggatgat	ctccatcttc	tgacctcgtg	atccaccacc	120
ctcggccctc	caaagtgcgt	ggattacagg	cataaaccat	aaaccactgt	gcccggccct	180
tttttttttt	ttttattcca	tggaggagcc	tctcttttta	ccaaaaatc	cccccaactgt	240
tgtcctgttc	tattttttgt	acactccttg	atctcgtgtc	gctcgcgtta	tcccocggcc	300
cctgttttta	attttttttg	tagactccgc	ctcacccttc	cccg		344

<210> 917

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 917

catagaggag	taattgggta	attcctgtgt	cttagggaag	tctctctggc	tcccaggagg	60
agcatactag	acacagagga	ccaagttagt	ggctcctagt	atccttctgg	tggccaaagg	120
cttcacagtg	aaaatagata	ggaagagcca	cctcgcctgg	ccgatattt	gtttttaaaa	180
ggctggggat	ggcttatgcc	tgtaattgta	gcacttcggg	aggccgaagt	aggaggatca	240
cttgagacaa	ggagtttgag	actagactgg	gcaacatagt	gagagcccat	ctctacagaa	300
aaattttgta	ggggccgggog	cgnggctca	tgcctgtaat	cttagn		346

<210> 918

<211> 345

<212> DNA

<213> Homo sapiens

<400> 918

gacaactgac	tgaaaatttaa	aaatacttcc	caagtcacaca	tacagaccca	tgagccgagg	60
aggaagaatt	atagggtcaa	agtgtctgag	tacaatctct	aacaaatcat	cagctgacca	120
ctaagctata	tagatataga	tgttaccctc	gagaaccctg	gatgaaaaaa	taacaataac	180
tgagcagaga	catcagcagc	cacaaatcac	aggaagaaaa	gtttctaaag	ggctaaatca	240
tccaagcaga	caaaatatta	ccatcaacaa	ccagcaggga	aaaaaaatca	tcataatcca	300
gcgtagttaa	aattattatt	atcggttcca	gtgttcagggt	aaaat		345

<210> 919

<211> 294

<212> DNA

<213> Homo sapiens

<400> 919

gtccccacc	cattttccac	tgaacctect	gtccagcct	ctgctctctc	cattttgatg	60
tctagaatca	ggggatccag	gatcatcacc	aaggctcattt	tcccagacag	atgtgctgag	120
gctgtagaaa	gtgcttttta	tttggttggg	agcttgtgca	taaatgcgag	aggggctgca	180
caactgacgg	actatagggt	actcatggct	gaacoggaac	aggacatcgg	ggagaaagcca	240
gcagtcagaa	ttcagaaccc	caaagaaaaat	gactttcattg	aaattgaact	gaag	294

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<400> 920

tacgggtgct	agaattcgac	agaaagggct	acaaaataat	caaaacaaat	cataataaaa	60
acggaagaaa	aaaatatttc	agcgttcctt	agactcttac	aatgtaattc	aaactgagtt	120
gtaatttcaa	tacactctct	ctgttaatga	atgtgcagat	aactgggtta	attttccatt	180
caataaaatt	ttcttataaa	gatgaaggaa	ggccatgcgt	gggtggtcac	acctgtaate	240
ccagcacttt	gggaggccga	ggcgggtgga	tcacagggtc	aagagttcga	gaccagcctg	300
gccaatatgg	tgaaaccccg	tctctactaa	aaatacaaaa	attagcttgg	cgtgggtggc	360
tgcgctgta	gtccc					375

<210> 921

<211> 351

<212> DNA

<213> Homo sapiens

<400> 921

cagcacacaa	acagtggctt	atccaggtcc	atcatattat	tacaaaaatta	ctattatcac	60
tattatgtaa	taactgtttg	cttaaaaacta	ttttgttttc	aatgtattttg	aaacactttg	120
cttatctaac	acatttaaagc	tataaaagtc	tataactttc	ctctccattt	cacaagacag	180
aagataagct	cagaagactg	gacctatgtt	gaatgggttg	gctaggatga	cagagtoagt	240
atgaggaaga	tcttggacct	aagtctttct	ttttgtgcac	ctttttatca	ctctgcattg	300
tcagttgtac	atacacatta	aattgagtgg	tgacaatttg	ttaggagata	a	351

<210> 922

<211> 322

<212> DNA

<213> Homo sapiens

<400> 922

agctatatat	atacaacctg	caacaggagg	gtcgtagaac	ccagaagcat	tagtctctgga	60
ggacttctct	aaagagtgga	gttttggtga	agatctctgc	aatgatgctg	gcatagacta	120

taagagagga	ggctggggcac	agtgggtcat	gcctgtaatc	ccagcacttt	gagaggccaa	180
ggcaggcgga	tcacctgagg	tcaggagttc	gagaccaggc	tggccaacat	gaggaacgc	240
tatctctact	aaaaataaaa	aaattagcca	ggcgtggtgg	tggacaccta	taatcccaga	300
tactcgggag	gctgaggtag	ga				322

<210> 923
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 923						
gggacaaaga	gctacctggc	ctgtaatgct	gatctttggt	gattgagaga	ccctcgcgcc	60
caaagacatc	cctaaccttc	aggatttaat	cctcttcagt	caaacgtttc	cttaacccta	120
tcagcccatg	tttttctttt	cttggtgaaa	gctgagcact	tcataggctg	tttacaggct	180
ctctccaca	ggaaaatact	tcctccagga	caagaacctc	gtcttggttc	caaaccttcc	240
caattataag	agtcaccttt	gcgcttgta	aacctgcttc	cagggtcttc	tcctgagggt	300
ttctgattca	gctagactgg	agggggggaa	ctgacgaggt	gggtggggt		349

<210> 924
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 924						
aagacttctc	ctaaagtggg	actagcccaa	cctcggtgta	cccacctcga	agtctctttt	60
atatgttgag	tttctaatta	tgtatgctag	taccataaaa	tgaggatata	attatcatgg	120
cagccatgag	tgaatttttt	gtagaacagg	atttattaat	catctgtttt	actgttcaaa	180
aattctattg	ctaggacttt	ctgcoactgt	tataagcctg	attttgggaa	taagagaagt	240
ttggaagagt	cactatatag	gaatcttctc	tttaagaggg	catatgtttc	taatacaggg	300
attttagctg	tattattttg	gtc				323

<210> 925
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 925						
catcatgttt	gccaggctgg	tctggaaact	ctgacctcag	atgatccacc	tgcctctgcc	60
tcaccaagtg	ctgggattac	aggcgtgagc	cattgcgcc	ggccttccctg	aagtaactca	120
tatctgcttt	gttttttatt	cagtgcacgc	tacgttgaaa	aaagttagtta	cttctcgata	180
gattccagta	ttcacaggat	ttaagcaata	aaaaattagc	aatattttaa	ttgaatgctg	240
ctattttaca	aaataagaca	ttgaggtgca	cattatgggc	tagtttgggg	gaaaacggga	300
cttaaacaaa	ataagaaggg	ctggactggt	cattgggaat	aataaaaaa		349

<210> 926
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 926						
aaaaaaaaaa	aaaaaaaaaa	aaaaaaagg	ggcccggttt	ttacaaaaac	ccaaacttga	60
aaaaaacctt	ggagggggtg	gaaaaaccca	aacaaaaaag	gcgggaaaaa	aaacccttaa	120

tttgaataat	tgggaagcca	atgggttaat	tggaaaccaat	aaaaaccgga	aaaaaacagg	180
taaaaaccac	cattggcttt	tttttaattt	taaaaggtcaa	gggggggggg	gggaggggtt	240
taancannnn	caaccanaaa	aatngagggt	ctcattagcc	gtgatatttt	ttt	293

<210> 927

<211> 344

<212> DNA

<213> Homo sapiens

<400> 927

attatatttt	taattttactg	tggatgacta	acacttatta	gtattctttt	ctgctgccac	60
gaacactgaa	agcttcttct	tgtctgggtc	tggcaaaagt	atgaaagtaa	ataattcttt	120
aaaatataca	tagtcagttc	aagaaaatcg	ggagacctca	attgagtttg	gagtcactga	180
tgtacttcac	atttacctta	gaaaactgat	ctagagtatc	aaagaaatta	aaaataatta	240
atttttagaa	tcacaatgca	gtataaatca	ttcaacccaa	ctccacactc	tagatggcca	300
ttaatttgca	agtgaagtag	gtcactggga	ctcttaatat	atag		344

<210> 928

<211> 346

<212> DNA

<213> Homo sapiens

<400> 928

gttcagtgca	gccgagatca	tgtcactgca	ctccagctcg	ggcaacagag	caagacactg	60
tctgcaaaaa	aaaaaaagaa	aaaaaaagaa	aacttgttaa	agtaacaaat	gcattccact	120
ggatttgtctg	tcatgtgtca	atgctcttat	aaaccaaagt	tatctacatt	ccttaaatata	180
acatttggat	agaaactgag	caataaaaaa	gaattactgt	cattgtcatc	aatttcacat	240
tttaaaaaag	aaatttgaca	attactatat	tctctatat	ttcaagaagt	aatgaatttg	300
gagccgggca	tggtgggtca	tgccctgaat	cccaacactt	tgggag		346

<210> 929

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 929

cctattctgg	aaaaaaaccc	aaactggaaa	aaaaccttgg	gggggggttg	ccccccccc	60
cccaaaatcg	ggggaaaaaa	tgtctttttt	tggaaaaacc	ccaatgaaat	gggtttaaaa	120
aaaacccctt	tttggggaaa	ttagaaaggt	tacccttatt	tttggccctt	ttttattttg	180
caaaaaacag	gggggggggg	gggtgctttt	tttttttttt	ttaggttttg	gggggggggg	240
ggggagtttt	ttnnnnnnag	anncccgng	acattttctat	ctatactatt	g	291

<210> 930

<211> 374

<212> DNA

<213> Homo sapiens

<400> 930

tacggctgct	agaatacgac	agaaggggtg	caatggaaac	agagcgaacc	agtattgggt	60
tgggtttaga	ttagggcccta	acaagaagtg	taaaagggta	ggctgtcatc	atcttaaaag	120
catttgggtc	tactctctgc	tcactgaag	cttcggaagg	actgatgttg	gcaaaacaaa	180
tctggctcag	caagcaaggt	tatatataac	aattagaaga	ggtaaacacc	ggttttattt	240

caaaaacaaa	tatttactgc	acacccacat	catgtcagac	atgggtactaa	acagataaaa	300
cacataagca	gacatgggtc	ctgctcttat	agagcttcca	ggaagcttat	gaatttaatc	360
aaagactcaa	gcc					374

<210> 931
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 931						
cggggtctac	tgtgaacgaa	ccactcatcc	caagggcgt	gaagaacact	gatatctgag	60
aacctctgtg	atgctctggc	tttatctggt	ccccttatca	tctgaaatgc	ttatgttacc	120
cgctccagtt	gcccttcatac	tatgtatgca	gggcagggtc	aacatacgca	aagtcaataa	180
atgtaaccca	tcacataaac	agagccaatg	acaaaaacca	catgattatc	tccatagatg	240
cagaaaaggc	ctttgataaa	attcaacaca	acttcatgct	aaaaactctc	aataaactag	300
gtattgatgg	aatgcacctc	aaaataataa	gaggtattca	tgacaaa		347

<210> 932
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (351)
 <223> n = A,T,C or G

<400> 932						
cggggtcgct	tcttgttatt	ctctgtgaag	cgagccagat	ccaactttgc	ctttgtgctt	60
atgtgtcagt	ctctgtcttt	tgatggtcac	gcctatatgt	tgccagact	ctgtttttatt	120
taattctgtg	gtttttcttc	taaaaacata	ttctatatcc	cggttcacga	gtggaggtaa	180
cttcacagga	tttgggaaaa	ttctgattat	tctagcccat	acacagaatg	cccaggacaa	240
ggaagacacc	acttctctga	ggaattgtgc	caagaatata	agtcggtgaa	gtcagcatgc	300
acatgttgaa	tgtttacaat	gtgccaggta	ctttcatata	ctattctatt	n	351

<210> 933
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (374)
 <223> n = A,T,C or G

<400> 933						
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tacctttgac	tggaattaca	cacacacaca	cacacacaca	catacatata	cacacacaca	120
tacacacaca	cacacatagg	ctttccacaca	aagccatgat	gcatacttaa	aaataacaca	180
cagctctgaa	aagtgaatgt	cggggggtgaa	gagagccctc	ctacactcct	tttcttagtg	240
atgacaaagt	tgtgggggca	tggctgactg	tgaggagcan	aagatgagag	ggagatatca	300
ttttactctt	ttgcactgcn	ataataaaaa	gaacagatat	aatggaagga	agaggccagg	360
ggcagtgctt	tata					374

<210> 934
 <211> 344
 <212> DNA

<213> Homo sapiens

<400> 934

tatattaatc	tagtctatct	tagaacaagt	taaatagat	atgtacttgt	aataacttgt	60
gctacacat	gttagttttg	tctattaatt	ttctctgtta	aaagaatatg	cattgaaatg	120
agatggaaaa	caaatgaag	agtgcttaaa	aaattaaata	ttttagaagg	atcaatatcc	180
taagggttgt	gggtaatttt	ttcctacttt	ctaaaaacttc	agatttcctt	cactcactta	240
agggtgtact	accattaatg	caatgttttc	tgggagtgc	agatttgcga	atgaattaat	300
aacagctaga	agcctcacta	tttgcacttt	tataacattc	tttg		344

<210> 935

<211> 351

<212> DNA

<213> Homo sapiens

<400> 935

tagcagtagt	agtagctacc	tcaaaggact	gtagtgagga	gtaaagttac	atacaaaagca	60
cacagaactg	cacctagctc	agagtatgta	taataaaaagt	attagctaata	attactgttag	120
tggaaaaactc	ccttaattca	agtgattgta	cccttttttac	tcaaataacct	ccctctcacc	180
ctgcactctcc	tgtggctcca	tgaatcaag	gccctgccca	gaacagttctc	tgtgcccaaga	240
cagcttttag	ctaccaccaca	ccactttatt	taacagataaa	ttctgacata	cagatgtggg	300
tttcaacctt	ggttctctgtg	tcctcaacca	aaagataagc	ttttcagggg	g	351

<210> 936

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 936

ctgtcgccca	ggctggagta	tagttgcgcc	atctcagctc	atgtcaacct	ccacctctgt	60
gggttcaagca	attgtctctg	ctcagcctcc	caagtagctg	ggactatagg	catgtgccac	120
cataactggc	taattttttt	tatttttagt	agagacagga	tttcaactatg	tgggccaggg	180
tggmtncaaa	ctcctgacct	cangmnnatc	ctntnaccoc	cctccctctc	ttttttttac	240
cacaattttac	tctcaccatt	ccctctcttt	taaatataca	aaacaaaaat	ctcaactccc	300
cttaaccaat	ccatttccct	tcaattaata	aattgccaac	aacct		345

<210> 937

<211> 273

<212> DNA

<213> Homo sapiens

<400> 937

agaagggttt	catatgggga	tgaggagatg	tagtttttat	ctttttttctg	taagaaattg	60
gtggccttca	ggttttttct	tacttcttaa	tgtggagtgg	tcttatcggtg	gtctttttct	120
ctggctcacat	atttatactt	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgagac	aagggtctct	ctctgttccc	caggctggag	cgcaggggtg	tgatctcata	240
ttgtgcaacc	tctgactccc	aggttcagag	tgg			273

<210> 938

<211> 345

<212> DNA

<213> Homo sapiens

```

<400> 938
actgcgcgcgc gacctagctgg aaactttcct gccagctata tcagtcatat ttctcagcct      60
cactagcatc aggaatgtgac catgtttctg gctaattggga tgtcaacgga tatgtttcagt      120
gggactctcct agaagctccc ttaaggaggaa gcagacagggc cagaggagggt gcctcatgac      180
tagaatccca gcactttggg aggcctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacaccat ctttcaaaaa tataaatctt ttcttttttt      300
tttttgaaa taaagtctcg ttttgccccc caggctgaag ggcag      345

<210> 939
<211> 325
<212> DNA
<213> Homo sapiens

<400> 939
gcaacatagt gagacctcat ctctacaaaa atagtaaaaa ttaaccagtt gtgatggcca      60
gtgcctgtag tcccagcgac tcaggaggct gaggtggttg gattgcttga gcttgggaagg      120
tcaaggctgc agtgtagccat gattgtgcca ctgcactgta gcctggggcga cagagtgaga      180
ccccgtctca aaaaataaaa aaaaattgtg ttttcaattc attggggagct gaactagcat      240
gccaatata ccttagtaat tgttttatca cgataattat gataataaat tttgttttac      300
agaggcaacg gttcagaata ttctt      352

<210> 940
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 940
ataatatctg agcaaaattt cataaaatca agacacccat aagtcagggg aaaagatttc      60
totctctcat taagaagac tataaaagta ctacaaaagg ttttggtaaa cgatttcctta      120
ggaagagttc ttgttttctt ttcttctctt tcaagtgtac aacaggatgg tcagcaagtc      180
taatcctgct gatcgtaagg cctttaatga gacatagggc agcaggtagt ctgattttca      240
aaaggtacat actatttagg gcttcataga ctgagatca aacctagaat ttgattgtct      300
aatgtatgag tatctagggt aattcataaa aagtgacaaa ttctccagag an      352

<210> 941
<211> 349
<212> DNA
<213> Homo sapiens

<400> 941
aggacaataa atgaaaaacta ggaactctccc aggcctaacta aaacataaca gttagtttac      60
agatagctac ataggaattc caagaaaaac tcagtttggg ttgtcagaga atggtttga      120
ggaatcaaaa gggctacaat ttataaatgg gaaagttaca agtaaatga gagggcaagaa      180
tctctgaatg aacatgtgaa aatacaccta gaaggaatat gttagaatgg gaataaatgt      240
ggctaacata taaaactggg ctttagaact aaaggagtta agacattttt atagaattca      300
gtcttttggg tccataaaaa aatgaggccg gccgggtaca gtggctcac      349

<210> 942
<211> 347
<212> DNA
<213> Homo sapiens

```



```

gtagaacact ggtattcagt tgactgttta caatgaatat atcttctggg tggcatggc 240
cagaagagaa aatgtcattg gtttgtgccc aagcaaatg attattaaaa tacgttgaat 300
atgaccccat ggttgcaaac atcccttttc ttagtaattc ttagaga 347

```

```

<210> 947
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<400> 947
tttggatttg cegttattat tgtgttataa ctgactaaaa tcatacatgg aataatagaa 60
atcaggccta acatcagata gactttttcca tttagttaag ttattgtgta gcaaaattta 120
ttttgtcagt tcaactacaca atgtgacagt atatagtttc tctaatagag taacattaaa 180
gaggacatat aatataacca aaaatttgag ttccagataa gtttgggtgc tcactagcaa 240
gatgacgtta aataactcat ttaatttttt tgaatatcta atttctgtct ctgtaaaata 300
aaaagcaatc tgtctcttgc ccaaaagact atgtagggtt tttaa 345

```

```

<210> 948
<211> 348
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

```

```

<400> 948
ggaaacgtgg aattttacag ttacagttcc attgagtc aa tccccatttt atataacat 60
aaaaattaa gttctagtag gtcttagcta aatataagtg cgactgtaaa cgcagccaat 120
ttttttaagc agaatatgag aacacctaag tattctcttc atagcagttc ctataaaggg 180
attaaacact tatttctgtg ttatggnctc tattcatata tttttatagc accttttttt 240
ggaacctata tttgtgctgt aagggtgttt tgatatttgg aaacagtata agccatttgg 300
agtcatgatt ggtgggcaag tggattcaag ctaaaatact aagaccan 348

```

```

<210> 949
<211> 318
<212> DNA
<213> Homo sapiens

```

```

<400> 949
gtcatacaaca tcctcattgt catggcaaat tgtgagtta tctttgccag cgtcagatag 60
ttcatacaact tccttttagc cagattgcaa aaagtcccat gactctattt ccaactccaa 120
tgccatctga catgagacaa aatcagagta gattaagata gtgggtctaa ctgaatgtag 180
ataaagtatg ctacttgtgc aaatttttca gaaatatatg accatatgaa catgtgtgctg 240
aggccttgcc aggccttgga aggggcctgt gcaagtggag ggcacagaga ttaagtttta 300
ttagcttctc agagattc 318

```

```

<210> 950
<211> 351
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

```

<400> 950
 cggggagccca ctttgacaac gctcctgtgc catgogtgac catgacctgc tgataaggat 60
 ggacatcctg cctagtactc aacctgctgc ctttactgct ggtaggagtc gttctcactg 120
 gcacacctgc taattgtcat attattttaga ggaagaccaa ttgtctcaaa agcccatctc 180
 ttgctttgag tgggtggttc cacgaattat aggagcaggt ctgatggcca ttccagcaac 240
 aacaatgtcc ttgacagcaa gaaaaagagc gtgctgcaac aacagaactg gaatgtttct 300
 ttcacactt ttcagtgtga tcacagtcac tgggtgctctg tattgcatgc n 351

<210> 951
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 951
 tgatactgag aaacaagtaa tgaagcttaa aagtgcctgt tgtgctctgt gccaaaggca 60
 gcagagcact tgtctctggt ctccatatac acttgacata ttaccttca gtattctgag 120
 gaagattttg attcatttca caccgaataa cactcaccta ccatgcttaa attaccgtac 180
 atattgtgag actttattga tcataaataa gttactctca acctgagat ctggcttcaa 240
 ttttctggat tctcattctt tctcctttat atcagaagct tcataataga caatgggggc 300
 aaatatggtg tggagaataa atcagtttat atttagatat ttttaatg 348

<210> 952
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 952
 ggacctgtcc cctggggctg ggtcctcact gcttccctgg gactggctgt gtagggggtg 60
 atgtgggcag tcagaggggg tagggagaga aggggttgggt gtattgcaca cacaccaaca 120
 ctccactcaga catgatccat gcacacacac acacttgagc atgatgcga catatatacc 180
 acacaaatat acaccatgtg cacacacacc acacacacat ataccatgca cacacaaaca 240
 caaagacaca tcattgtacac agacactcaa acatatgccg tgcatacaca tacacatcac 300
 acactcaaat atacaccatg ttca 324

<210> 953
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 953
 cggttgcgtc ggccgggatg ggatgtggcg cctttttccg ctgcacctcg cgcceccccc 60
 gccccgcgca gctaaattcc ggccggagggg cgagctggca ggccggctcc tcccactctg 120
 ggccagcgggg tcccgcgtcc cctcccccac tatttggcag cgtctggggg tctggggcag 180
 cttcgttcac tcaccggggg gagggtgggt tcggggaagg gtcggaagct cctccctcgc 240
 ttccctggagg gtaattgggt ggtgcctttg actccggggg tggaaaagcg accccacatt 300
 caaggacgcc aatggcatgt tgagctttcc caatctaaac cagggtgctg gaggggaagca 360
 agtgcttact ccc 373

<210> 954
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 954
 cggtgctgct gaaagacttg gagaagattg ctcccaaaaga gaaaggcatt actgctatgt 60
 cagtaaaaga agtccttcaa agcttagttg atgatggatg ggttgactgt gagaggatcg 120

```
gaacttctaa ttattattgg gcttttccaa gtaagctct tcatgcaagg aaacataagt 180
tggagggtctt ggaatctcag ttgtctgagg gaagtcaaaa gcatgcaagg ctacagaaaa 240
gcattgagaa agctaaaatt ggccgatgtg aaacggaaga gcgaaccagg ctagcaaaaag 300
agctttcttc acttcgagac caaagggaac agctaaaggc agaagtagaa aaatacaaaag 360
actgtgatcc gcaagttgg 379
```

```
<210> 955
<211> 347
<212> DNA
<213> Homo sapiens
```

```
<400> 955
ggtcggcgac gcatcgcgcg atggcgcggg cgggacagtg cttgtgaaac tgaacacaac 60
aaaagtatgg atatgggaaa ccaacatcct tctattagta ggcttcagga aatccaaaaag 120
gaagtaaaaa gtgtagaaca gcaagttatc ggcttcagtg gtctttcaga tgacaagaat 180
tacaagaaac tggagaggat tctaacaaaa cagctttttg aaatagaactc tgtagatact 240
gaaggaaaaa gagatattca gcaagctagg aagcgggagc cacaggagac agaagctctt 300
ctcaagagat tggagcagaa tgcaaacacc ccacaccgga ttgaaat 347
```

```
<210> 956
<211> 337
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G
```

```
<400> 956
cctgcctttt tataaaatat gacaaaattgg ccattttagt gacatttctt cggtttctaa 60
caaaactaaca gaaaaattaa tcttgactgc aatagtaaat tctcttata atttagtgcc 120
aagaaaaaga aacttttctag aaaaagttaa aaccacctct gcttctctggg ttcaagtgtat 180
tctctctgctt cagcctccca agtagctggg attacaggga cgtgccacca cgccccagcta 240
attttttagt ttttagaaga ggaagggttt naccatgttg gccaggctgg gtctgaattg 300
ctgacctcaa gtgatccacc cgcttcgggc tcccaaa 337
```

```
<210> 957
<211> 339
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G
```

```
<400> 957
ggaagactga catcagttgt ttcttactc tatttcaagc tttttttttt ttttaacacaa 60
ttaacggggg ccatggaacc ctggccaggg cccttgagg ccgaggggtct tcagtggaaa 120
cggagaaaaa taaggtttgc aggcaggcgg gggcctttcc gaaggcccggt gttggttttg 180
ccaacaaat ggggtttcaa aagaattggg ggggaaggaa agaaaaacata agccttgagc 240
ccaatatcaa acaaacgcc aaatggaana aggtttgggg gccccccaga ccccttaaaaa 300
ccaattcaaa aggttctaac atggaatttt aataacaan 339
```

```
<210> 958
<211> 206
```

```

<212> DNA
<213> Homo sapiens

<400> 958
cccagggacc acagtttgga tatgcttgcc atagtgtcta aaaatgtatt gagtgatata 60
gttagcattt gtgocgttta tctagccagg ctctctagct ttgttttttg aaacacgtat 120
gcagtggttt gtaacacaca ttgggatttt tcaaggacaa tttttaaaaa ttactgtttt 180
ttggacaggg gcggtggctc atgcct 206

<210> 959
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 959
gctggggcagg ggtaaagtaa ggtaaaatag agatcaggcc tgcagaatcc ctgcgaagac 60
aaaaccactt agtgaactca acctttcttg atttgcaaac ctaaggaaaa cttaaacttga 120
gctaaactctt acaaatgcct gtattacaga aaaacagagc ttaagctcaa ccaatcagag 180
gtagccaaca aactttcata attaggaacc ttcataggag atcaatcaaa taaggcaatt 240
gtgtaattat atccaatcaa atgtttgctt tgcctttacct ctgtttctgt cttataaagg 300
cctccccata gattcccttg gtggagttcc tgaaccan 338

<210> 960
<211> 343
<212> DNA
<213> Homo sapiens

<400> 960
tctccaatga aggtactttt gctaagggtg gtgaagatac ctgttgctgg gatcaggaga 60
catgaaaaaa ctaagaaaaa aaatactgag aaaagttttc aatagctttg taagccttca 120
gaatgtaaag tacattaaga aataaaaact taaatgcagt gggtaaaaaa atggcaaatc 180
tgaaagctaa acctgactaa ggctatcaac ctgccatgtg ctaaaaaaaa atgtactcac 240
tcagaaaaaa tgaaagaggt actacatacc tattaaaaa gctaaattta aacagtata 300
atactaaatg ccgacaagta tgcaaaagaa ctggacttct cat 343

<210> 961
<211> 341
<212> DNA
<213> Homo sapiens

<400> 961
tgcatccgga aggtggaggt tgcagtgagc tgaatcaca ccattgctact ccagcctggg 60
tgacagagtg agactctatc taacaaaaaa aagaaaagaa aaagaaaatt tcttttctta 120
gtttatttga aattatttta ttaaaagggg atggagaatt aattgtatca tcaaaaaaat 180
atcttttaaa aaaaaaggta tcacaggagc catccatctc aaaaaagcag ggaaaaaaaa 240
tatgagactt tcaatattaa aaatgaccaa atattaagat tggcttctct ctctttcttt 300
tcattaaact acgctaacca tttagggaga ggtgactcta g 341

<210> 962
<211> 202
<212> DNA
<213> Homo sapiens

```


tttgtatatt	taatatagat	agggttttcg	catgttggtc	aggctgggtc	cgaacccctg	60
accttgggat	ctgcctgcct	cggcctccca	acagagcagt	cctgatgagc	cctccccgta	120
agaaactgct	gaaatgttgg	ggcggctgta	tgtttttggt	ataaggaaaa	ggttaacattt	180
gtggaaggca	gtacttcaca	gtgatacatt	taatgggtgc	atatccaaat	ctcaaatgag	240
attactagta	atctagagca	gggtgtttct	atccagaaa	gttctttaa	ttctcagaat	300
tagttctctt	gagacaagag	ccatattttc	ctgtan			336

<210> 967

<211> 339

<212> DNA

<213> Homo sapiens

<400> 967

ttttgcagta	tgtgcatgca	ttttctattc	acaaaaatga	aattttttta	aaaagggggc	60
agtaacttagc	acaatgccta	gcagtggtgg	cgggtgggtg	gatagccttt	ctgcagctct	120
gggcagatga	ttcactgcag	aaatgcagcc	cagagatatt	tagaggctgg	ccatagcctc	180
cagactgtcc	tctagcctc	tgggtctccc	ttcttcattc	tatatgatcc	atgtttcccc	240
atcggagaat	ctttgcattt	tagagatgta	aagggggctt	agatttttcta	gtgcaactgt	300
tttaacgggt	aagaaactaa	gcccccaaaa	gatgccatt			339

<210> 968

<211> 340

<212> DNA

<213> Homo sapiens

<400> 968

ggacactgga	ccaaatgtct	gatcagctca	tcacattgtc	cacatgaaat	ggacogtctt	60
cctcagttca	aaataatcaa	atgatagatg	gagaattctg	aaagttagga	gctacaacta	120
tttgaaataa	aactctagtt	acatatattga	acogttcaag	gtagggtgtt	taaaagcagt	180
ttgttcacaa	acaggtatat	acacagtaga	gtaaaattgt	tatttttagca	aacogtattt	240
tagctcatgc	tgatttaaat	agggttccct	tcatgatact	taatatgttat	aagaacattt	300
tttaacgatt	tatagtttaa	catttctttt	gcataacctg			340

<210> 969

<211> 337

<212> DNA

<213> Homo sapiens

<400> 969

cgattctcct	gcctcagcct	cccaagtagc	tgggactatt	tttgtatttt	tgtatttttc	60
taatttttga	tttttagtag	agatgggggt	tcaccatggt	ggccaggctg	ttctcaaaat	120
cctgacotca	ggtgatccac	ccatctcgac	ctcccaaatg	gttgggctta	taggtgtgag	180
ccaactgcac	cgaccgcctc	catcatttta	tattaccttc	agcaacgtgt	gggggatgcc	240
ctgtttgcac	ttgcttatca	acactagata	cttgcttatt	ttattaaocg	tatatgagag	300
ggtcaggtgg	accggcatct	ttaccggcct	aagatcc			337

<210> 970

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(338)

<223> n = A,T,C or G

<400> 970

tgaccttttg	atcccacat	gggactgttc	cccagcccta	ggccactgga	atggggggaa	60
atagaacctt	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgctgttttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
taetcttctt	gcctctggca	cctcccagct	cctgacttcc	ctctgtctcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccagn			338

<210> 971

<211> 340

<212> DNA

<213> Homo sapiens

<400> 971

gaataaatca	acatcagagt	tttataaatc	agagtgtctt	tgtactctac	aaattagtat	60
gcttaataata	caacttgaag	tccttcagag	aaaatattaa	acagaaatgc	cttctaccaca	120
gagatatgaa	tgtgcctttg	caataataaa	gaagagacta	aaaattgtat	agcaataacct	180
agratctgac	caatacatta	tttcacaaaa	ataataaagt	atcttgcata	atacatggaa	240
gacagtgtact	tattcctgaa	tctactatat	ctacagactt	tcttgtacca	aatattttact	300
ataagtacat	acaactatgg	aaaatgctat	gctatgcctt			340

<210> 972

<211> 341

<212> DNA

<213> Homo sapiens

<400> 972

atttaccgat	agggtgtgga	gggcaaccaa	catttttatto	tatacccttt	tatgcttttt	60
gtgtgtttgaa	ctatgtccag	gtgttatatc	tattaaaata	gtatgaattc	aatgggtacc	120
tctaaaggag	accatgatca	ccagcatatg	agaggcagac	gaaacgctat	ccacagcaag	180
atgacacact	acacagcagg	gagaacatgg	gaggattcaa	ggtggtaaga	aaattttaata	240
caagtctagg	cctggtgtgg	cggtccacgc	ctgtaatccc	agcacttttg	gaggctgggg	300
cggtgaggtg	acctgaggtc	aggagccaag	accagcctgg	c		341

<210> 973

<211> 342

<212> DNA

<213> Homo sapiens

<400> 973

ttttcttgat	gtctcataac	ttctcctttc	tttcccacaa	ttccgaaaat	cctcctatcc	60
taaccttggt	acatgaatgg	taactgcttg	aacacttggt	attggaatga	ctgattttaa	120
aagcccaagtt	ttgaggtagg	gcgcagtgcc	tcacgcctat	aatcccagca	ctttggggagg	180
ccaaggcggtg	cagaacacga	ggtcaggaga	tcgagaccaa	cctggctaac	atggtgaaac	240
cccgctctcta	ctaaaaatac	aaaaaattaa	cctggcgctg	tggcgggcgcc	ctgtagtcctc	300
agctactctgg	gaggctgagg	tgggagaatg	gcgtgaaccc	ag		342

<210> 974

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (339)

<223> n = A,T,C or G

<400> 974

agagttgaga taaatgcaaa tactcagaag tattttgtg 339

<210> 979
<211> 231
<212> DNA
<213> Homo sapiens

<400> 979
tcattcagcg tagagcatgt ggaacacagt ggcctcctag ctaatgtttg ctgaatggaa 60
tagaattttg aatacaatga gccaaatttc tttactatta gaggattttg ctgaatgggt 120
aaaatcaatg caaaatgagg aatcaaagtt tttgattagg tattacacat gaaaccagga 180
agaggagaa gtacctcctt taatgtgcat acagagaagg taacctcatga g 231

<210> 980
<211> 341
<212> DNA
<213> Homo sapiens

<400> 980
agtatctaca taaatcattt ggaattcttc taaacagact tgtctgtcct ctgccattta 60
tttatgtgga attattatta ttattattat cattattatt cagaggtaga tatattcttg 120
agggaaattat tatttaaaaa atcacacgat cccaataact tgtttcccaa agaaatagat 180
atgttcaacat tatgagttaa gactgttttt gaactgtctc taaaaaatat ctgggtttcta 240
cattgcagag ctgagatttg tgaagaatga ggcagaatta aagttttggg gttgagtgc 300
tttaaaaat tgggtattta ttttacttat ttatttttga g 341

<210> 981
<211> 337
<212> DNA
<213> Homo sapiens

<400> 981
ctgagaatt ttctataaca caaactcctt aacttcctgg tgggtaatgt tttctgggtg 60
ttttttctgt tttctgtttt tttgttggc atttctctt tagtaaaatg aaaattgcaa 120
gtagaaaaaa aactaaaaat ggatttagtg tgggacagg ttctttttcc tggcaggatt 180
gtagaacact ggtattcagt tgactgttta caatgaatat atcttctggt tggctatggc 240
gagaagagaa aatgtcatgt gtttgtgcc aagcaaattg attattaaaa tacgttgaat 300
atgaccccat ggttgcaaac atcccttttc ttagtaa 337

<210> 982
<211> 339
<212> DNA
<213> Homo sapiens

<400> 982
tttgctgaa attgcacgtc agcttcattt cctcacccc tccccaatca ttcttaaaaa 60
cttcgaact gaaaatttta attctgatta gtttatotta acaacaatt tagagaagga 120
ttgtgttcca aataaactgt atgatgtgga acttgcccca aatgaagagg aagtggcat 180
tccatagcta gacagttagc ttccagctg tgggggtgcc agagctgagc caagcaggcc 240
tgctcagcag agacttggga ttccaggctt gtaagaactc gtgttggcaa cccgttccct 300
gtgttgacag cataaaccca agagggtttt aaagatcaa 339

<210> 983
<211> 339
<212> DNA
<213> Homo sapiens

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<400> 983
gtttccacct gttggccagg ctggtcttga actcctgacc tcaggtgac caccctgcctg      60
ggcctcccaa agtgctggga ttacaggcgt aagccaccgc gccagcccaa gtaaaattaa      120
atattcttgt attcttttta tatctctgga aaagtattaa atacattctt ccagaaaaac      180
cttcgctgaa gggcttggtt ggactagttt cccacagcct atccctaggc ctctgggttag      240
aattggtttt ctttaatggg gggatagatc aaacatcata cggagaccaa caagggtttt      300
tggttcttct taaaagccac tgggaatctt cagaacaag      339

<210> 984
<211> 342
<212> DNA
<213> Homo sapiens

<400> 984
ctgttttgtc ctcattaacc tgtaatgctt gactttcata tttctttact gccatatgat      60
atagcagaat agagttattg atttcaatgg tgcacaatat tttgattact aaaaaatacc      120
attttccctt gatgaattga ctgatgtttt aaaaatccat ccaacaagta actggttgat      180
cctataatat acaatgcttt gttaaggcaa atggtgaatg caaaatagtg aacactataa      240
tctctggaaa ccaataaaaa agacttcggg tctcagaagt atacagcaac tacatatattt      300
accaccaacc acatgcccaa ccaatgggat atacaaatta ac      342

<210> 985
<211> 340
<212> DNA
<213> Homo sapiens

<400> 985
gtctcacact gtcaccatct acaatgcatg ccagctgtaa acaatcaact gcaattccac      60
aaacgtacca tgcttttctc atctcccatc ttaacaataa cagtcttaac atataatact      120
gggttacagt tgccgtgtag tatgctaagc atattacgtg atgatctcat ataactgtca      180
gagcaatcct gtttcttttt cctggaatga cctgcccac ctatataatc tctcactccc      240
gacacacatt tagccagcaa actcctatgt agctaacagc catcatccat cccaccactt      300
attccaagca ccttttctgt cctcccactg ccacccttct      340

<210> 986
<211> 337
<212> DNA
<213> Homo sapiens

<400> 986
ggaaaatgga cgacacacct atctctgaaa acaacatgga agaaacaggg tctttggatt      60
ctttttctat taacagccca ctgaatatta caggatcaaa ttcattctat gaatgtacaa      120
tgaaaattc actgctgaag caaacatgga caggcgctg gacgatgaaa gatggccttc      180
ataaaatgca aagtgaacac gtttcaactc catgtcaacc tgtaaatgat tatttttca      240
caaaccaaga cttcaaaagt acttggtcca gaatgaaaag cgggactttc tctgtcccg      300
cttactatct gagctectea caaaatacaa ttatcaa      337

<210> 987
<211> 311
<212> DNA
<213> Homo sapiens

<400> 987
gttcttataga accttgaagg ttgttgtaaa cgttccaaat ttcagaaaaa taccgattat      60
ttctgaatag aaatccaaat atagatgctt acggttagat tgagcctgga ttgccctcaa      120
ttaagaacaa ttgagttttt ttgttgctcg ttcatattac atgtcgtatt ggtacatggt      180
acatgtacta gtgggttttc aaagtccatg atttttagat cttatataag aaattaatgc      240

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tcagccgggc gcagaggctc acgcctgtaa tccagcact ttgagaggcc gagacaggcg 300
gatcacaagg g 311

<210> 988
<211> 341
<212> DNA
<213> Homo sapiens

<400> 988
aaggtagaga atgctattca gttagtcaat ttaacatacg agattgtcaa ctcaatagct 60
cagagggggc agaaatacac atttgctggc ttctggcttg ggtggtagtt gaagtgcattg 120
ggagaggggt agtttgccca atcaggccgc gtacagttag aagggaagaa ggctaaagat 180
gcaggcctaa ggaaaaatcag cacttaagta ggaggaggaa cagccaataa gagatcaaaag 240
ggaaaagttt tattttatgt tggatttttc ccccttaag atgagctagg acaggtgtgg 300
gggcacatgc ctgtaatccc agcaccttgg gaggctgagg t 341

<210> 989
<211> 370
<212> DNA
<213> Homo sapiens

<400> 989
actacgatgc ctacataaca aaaaacggag ccgggtgggg acgcaccaca aatacactgc 60
gatgacccta cagctgaatt cgtgaagcct gggatgctac cgctatacct tacaccatga 120
taaacccgag aacacggctg acctgctaca ccgccttca tagcacactc taggtccaaa 180
tacaggagtg atagggtcac actggctagc caccagaggg caggcctggc 240
tgccacaaaa gaagaggtag atttgggggg ctgtgtggag ccagcatgag gcaaggcata 300
gccaggacca gaggcccgag gaggccacag ctgacttgct ggggtgctga gggctgttgg 360
aggctccacc 370

<210> 990
<211> 337
<212> DNA
<213> Homo sapiens

<400> 990
atgtcgaagt cagttgaaca gaaaaaagg cctacaagac agcgcaaatg tggcttttgt 60
aagtcaaatc gagacaagga atgtggacag ttactaatat ctgaaaacca gaaggtggca 120
gcgcaccata agtgcattgc cttttcactc ctcttggtat catcacactc tgataatgaa 180
agctttgggt gattttctat tgaagatgac caaaaggaaa ttaaagagg caccagagctg 240
atgtgttctt tgtgccattg tcctggagca acaattgggt gtgatgtgaa aacatgtcac 300
aggacatacc actaccactg tgcattgcat gataaag 337

<210> 991
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 991
gaagtcgtgt aagcgtcgcc gacgcattgc gcgatggcgc gggcgggaca gtgctttgtg 60
aactgaacac aacaaaagta tggatatggg aaaccaacat cttctatta gtaggcttca 120
ggaaatccaa aaggaagtaa aaagtgtaga acagcaagtt atcggttca gtgctctgtc 180

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agatgacaag aattacaaga aactggagag gattctaaca aaacagcttt ttgaaataga 240
ctctgtagat actgaaggaa aaggagatat tcagcaagct aggaagcggg gcgcacagga 300
gacagaacgt cttctcaaa agttggagca gaatgcaaac can 343

<210> 992
<211> 332
<212> DNA
<213> Homo sapiens

<400> 992
aaacattcat caatttggcc cagacaaaag tattcttgcg tgccttagga ttactcaac 60
ttgttctaata ttaaccttc tggtgcttta aaatatggta atggatttgc tggttgttga 120
aggaattgaa tgtgattgtg gtgttacatc ttttcttata ttaaaatcct taattctaaa 180
atcagatgtg cacatcacatt accacattaa cacatcaaga ctgaaaactg atgattggaa 240
cagagacaaa tgtgttggtg agttgtgggt agctgtcaag ggacttatgg actatagctg 300
tcctatagtc tataacgagc cagctgaaga tg 332

<210> 993
<211> 332
<212> DNA
<213> Homo sapiens

<400> 993
taaatgggat acacgtcttc ttaagtaatt caaagctctag taggggaagc agaaaggtaa 60
caaacaaata agatacaaaa gtaaaacaaa agccctctgt agagtgcctc aacatctttt 120
attccttatc attctcccaa attccaattt gctgccccta tatgcccttt aaaaaaaccc 180
aggcggggca caacgggcta cacctgtaat ccagcactt tgggaggctg aggcaggagg 240
atcacttgag gccaaagatt ggagaccagc ctggctaaca cggtgaaact tcgtctctac 300
taaaaataca aaaattagct gggcgtgggt gt 332

<210> 994
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (327)
<223> n = A,T,C or G

<400> 994
gtagacagtc caaagcagca tcagacacat catgagtgcg caaactgtac atctgcttcc 60
ctgggtgattt tcttttcaat ggccaaagga tagaggcagc ggcaattcca ggtgtgctgt 120
gagccaactg tgtgagcctg ggcgcctact taacctccct gagtctctct ctataagtga 180
gcattctaat agtacctagt tcacaagttg tcttgaagct taacaaaaat agcaaaatga 240
tgctttttaa aatgacaata caatcaagag gacagaacag gtaaagactt tgtttattca 300
caaatgtctg gtattgattg aattggn 327

<210> 995
<211> 335
<212> DNA
<213> Homo sapiens

<400> 995
tgctgatgcg gtggtactac agaaagagac gcttgactta catattccac tcgtaactgc 60
atctgaaga actcaaatca cctttgacat taatttacga ccaactgcgt gccctacata 120
attgagacac ttgggatcgg gtggaaaaag acaccaaat gtctcatatt atgaatgaac 180

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actgaagggg gagtttgggg aaaaccgaat ataagcaact cattcaagga gacaaattca 240
gatgatagtt tcgagaatat aaatggagag atgtgattca caataatatt ggggatgcta 300
tcttagatgg ccgccttaag aaaaacctct caaaa 335

<210> 996
<211> 332
<212> DNA
<213> Homo sapiens

<400> 996
ctatcttaga acaagttaaa tagtatatgt acttgtaata acttgtagct agatatgtta 60
gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaaatgagat ggaaaaacaaa 120
atgaaaagtg tttaaaaaat taaatatattt agaaggatca atatcctaag ggttgtgggt 180
aattttttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240
ttaatgcaat gttttctggg agtgcgagat ttgctaatag attaataaca gctagaagcc 300
tcactatttg cacttttata acattctttg ct 332

<210> 997
<211> 334
<212> DNA
<213> Homo sapiens

<400> 997
gggactcttg ctaaggcga gccagggact tagacttata aagcatcacc ttatcaaaagg 60
tggagggatga tcaacttgat atcaagggtg accagatttc agggaaagagg gattctcact 120
aaactgactc ccagaggtct cttttagcaa ggcactcatg ccaggcgacg tggctcatgc 180
ctgtaatccc aacactttgg gaggtcaagg caggtggatc gtctgagggtc tggagtccga 240
gaccggcctg gacaacatag tgaaccacag tctctactaa aaaaaaaaaa aaattggcgc 300
tcacaatggc tcaggcctat aatcccagca cttt 334

<210> 998
<211> 327
<212> DNA
<213> Homo sapiens

<400> 998
ataactacttt ttgtgcgtgt gtgtatgtga gacagagtct cagtcgtctt cccaggctgg 60
agtatagtgg cagcatctcg gctcactgca acctctgcct tctgggttca agcaattctc 120
ctgctctcagc etcccgtgta gctgggactg caggtgtgtg cctccatgcc cagctaaaatt 180
ttttttgaag atttagagaa caccctgttt caccctgggtg agggaggctga gttttaacta 240
ttcaccccca ttgcactga gtgggtttcc ctctcttaat cccgcgggtt ggtgctatct 300
tttattcgag attttttatt acacacc 327

<210> 999
<211> 331
<212> DNA
<213> Homo sapiens

<400> 999
cttctcttat atttcaactg agactatact gtaagaaaca aaatgatctt gaacctatatt 60
tgccatgtaa cattaaacat gtgagaaaaa tattttttaa aactgtgttc aattaagaca 120
taactttat tttttcatt ggaatttccc aacatggctg tctgtgttag gacagccaaa 180
ccaagccaaa gagcagctcc ctatgtctgg gcactgcagt atctgacttc aatagactct 240
tcacctcgac atgtcatgta ctctaagaat gtaaaagttt tttagtgctcc agcaatgcta 300
aggccaaatc cagcaccaact agcatcacag t 331

<210> 1000

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<211> 334
<212> DNA
<213> Homo sapiens

<400> 1000
egtccttaaa gcttaaggcg ctctctcccc agcagcctgg cttgaggggag aggcctgcct    60
ctgttgtgct cgtgtgtgtg ggtggttaggc accctaggtc ctttaaggagc atacgctcca    120
gcccttaacc ttctctcagc ctctgagttc ttccggccct gtctctgtctc tgttgccacc    180
gtcctgctaa taatgccttc tcattctctg ccagaacaag acaccatgcc ggggtgcggtg    240
gctcacacct gtaatcccag cactttgggg ggccaaggca ggctggatca cctgagggtca    300
agagtcttag accagcctgg ccaacgtggt gaaa                                334

<210> 1001
<211> 329
<212> DNA
<213> Homo sapiens

<400> 1001
acgcacacac acacacgcaa acactctctc tctaacaagt gtctctgtct tatacagctg    60
gactgactcc gctctacata gctggactga ctctgtctta catagctgga ctgacattat    120
ctgctaatac acattcacct ttctgttttt tatactcact agctcttcac acctatagaa    180
atgcagtgat gatgataaaa atgaccatta aaatatcaca gacaatatta caaatatata    240
tacaagatta ttttcttaat aaataaagac aaattaataa gaccaatggc tcattagaaa    300
aatgaacaca ggaaatgaac aagcaattg                                329

<210> 1002
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 1002
gctgggagcg ctgttcaagg taaagagtgg ttagtaaaat gatctccttt aagttgctaa    60
gagtaagatg ccaagtaaca gaaaaatgaa actctcatgc tagcaagtgt gtatgtgtgt    120
ggcggtgtgt gtgtgtgtgt gtgtgagttg gnmncantan aacctgtagt gaactttttt    180
attaacagga attgcgcgtc atggatattgt ctctccttca ccgtgaggag ttccacgata    240
ttccattctc tgcgattccg tggaaattcta ctaaaaaaat ggttctcttc ccttgggggg    300
gaattttttt tgtgaaacaa tctcccccg                                329

<210> 1003
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1003
ctcaacacac ccagggtttt ttgttctctc ttctctctct gcctcaattc catgcocttac    60
taacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaagacact    120
tgaggaggagc cttctccac agtactgggt gctgtgtaat agatgttctc aattaccaag    180
ctgttaaat gagccctatg tacttaggca gcctgtttag agttcttacc cacttgccaa    240
tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacccaaa    300
ttatggatat gccactgaaa atgtatggta gagta                                335

<210> 1004

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<211> 326
<212> DNA
<213> Homo sapiens

<400> 1004
aacctttaaac aaacaaaaac ccactaatgt accaatttgt gattctgggc aaagtttttg      60
aaaagtaagt tatgaaacac cttttacctc attgtattcc ttttaataat caagcaataa      120
agtaaatgtga taatgaaaaa ataatgatat gtacttaatt ttatcctttt gtatcttttt      180
tttttttttt aaaaaaaggg tctaattttg cccccggggt gggggggcag ggcttggggg      240
ttaacaaaac cttgaacttc taaaaaaagg gaaccttcca ttttaaccct ctgaagagggg      300
gggactttta aacccccccc cccccc                                     326

<210> 1005
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 1005
gcagtggcat gatcttgggt cactgcaacc tccacctccc tagttcaagt gctctcagc      60
gtccagagta gctgggacta caagcaaatg ccaccatgcc cagctaattt ttgtattttt      120
tatagagaca ggggtttggc atgctaccca ggctggctgc agattcctgg gctcaagtga      180
actgtccacc tcagcctccc aaagtagact attcttatat ttctcttcca ttgggggagta      240
aaacaaaaat tgtttcatat gaatacattt tcacaggagg aagaacaaa ttctattctt      300
gactgaaact tacaatggcc agaaattaag ccan                                     334

<210> 1006
<211> 329
<212> DNA
<213> Homo sapiens

<400> 1006
ttgatctgca gtgggacctg gaattttata cattgagcat agtgccaggc aatgcttatg      60
atcagatgat actaattaac ccctggcacc atatgatctt cactgtgatt ggagttagaa      120
gatttagctt catatcctgc cttctcctat caacacacac acatacacat atacacacac      180
acgtgcacag gcattgccaaa ttggctgtta cttatctcac ttgtattatt tatatctttt      240
tactcataaa aagacttttg gctgggtgtg gtggctcatg cctgtaatcc cagcactttg      300
ggaggctgaa gcgggtggat catgaagtc                                     329

<210> 1007
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1007
tcttcagcag tttatataca acaaatgccc ccgggttacc tcttttctgg gagagcctct      60
tgtttcaatt gaaagtcttc atttacgaca atctcatgag caagagtcac gtttgataag      120
ttccttgcgt tagccatcac ttcataaaat gttacaaccc ttggagggct tgttgctgaa      180

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agaaaaacaa	aagccagtta	atgttgacaga	agaaaagtgt	tcataccacg	aagcctcctg	240
atgcagataa	ggtttaattt	atcagaatgt	atatacttca	gagntttata	ggtcaggaga	300

<210> 1008
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1008						
agtaattaca	ttagcaggtt	tagttgtcat	gaatgagttt	gggaacaatc	actgatgact	60
cttggttaagc	ccctctgtgg	gaaagaagta	tctccctggg	tatccaaactt	gcagggagtg	120
ttcaggatct	catgtttctg	agaggtcata	aaagagggcca	gctaactctg	gctgtcatgt	180
agacacagct	cagtggagag	ttttctggca	aaaggaggag	caaagggcct	ggggcagaga	240
aaatcttgga	gagtacggaa	aggccatgag	actgaagtgt	aataaatgag	gcattgaggag	300
tgtgtgcgaa	gacaggacgc	aaagagagat	g			331

<210> 1009
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1009						
gttttttctt	atttgtaggt	ttaagtgtct	gttttccagg	cacctctctc	cctaaccctg	60
gtacaagaatc	atgtctctgt	tgtatcttata	tcccagctac	tgagtgtttg	tatggctggg	120
acttaataaa	gtttaaatga	actcatgaat	aaatgtgttg	cacaaccaat	gagttagtga	180
gtgaacaagt	gagtcataaa	gcaagaattt	agggacatgg	gaaccaccac	ttataagctt	240
gaggctgttg	tgcaaatctg	gaccttcata	taagccattt	ccttctatat	agaatgtctt	300
ttcttttctg	tacccttaac	ctcttaccag				330

<210> 1010
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1010						
ggtagaggcc	agtgatagcc	taaataatcct	acaaggcaca	ggctgctttc	cacctctctaa	60
tctctctctc	tctctctctc	tctctctctc	acacacacac	acacacacac	acacacacac	120
acacacgcac	gcacatccca	aagaaacaaa	gagagatccc	atccccaaatg	acaaaagggtg	180
tgagaataaa	aatcctactg	caaccctgtg	tgacaaactg	ctaagggggtt	tgtgcaattg	240
aaatataccc	taagtgtcac	agagtatact	caatcaaaagt	ggaataatttt	atttatatca	300
cccgccctgt	agagaatatt	gcacagaaac	tttat			335

<210> 1011
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 1011						
cttatacaact	tagtcaatgg	caataatcat	aaagtaaaca	taaaggaaaa	tatttttaatt	60
acaatactac	caataattata	tacaccaaat	ttccttagca	acagtgggtta	cagaagtaaa	120
caatcacgag	caaaagcaaa	atttacggct	attgaaatca	taaacaaggg	ccgagcacgg	180
tagctcatgc	ctgtaatccc	agcaacttgg	gaggctgagg	caggcagatc	acgaggtcaa	240
gagatcaag						249

<210> 1012
 <211> 281
 <212> DNA

<213> Homo sapiens

<400> 1012
ggcggagtgca cccacagctgg ggcagccctt gcacaggctt tgetggagtc tccactgcac 60
tggcctagtg ccaagcagtc atagcactgc cccacagctgc ccttctaagc cctgtagcct 120
agtggattag aacctggcct ccctctggag aaaggccag gaccogattc agcggcatca 180
ttccttagtg cttcgaccct gacctctctg agatggggtc tatgcctcgg ggatgagtg 240
tccttgcaact ggggggctgt gaccaccagc ctgtggccca g 281

<210> 1013
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1013
ctcttataat gcttctttta ttttcttta cagttaatgt ccattttctt totcctctc 60
tacctgcaca cacaacaca cccactcaca cccacacca tgcataata cacacacaca 120
cacgcacaca cacacacaca cctccagcc tgtagatatt tatgcttcatt tttcagtaaa 180
catgcagaag cacttttgac agacattttc ctttaaat 180
gaaagcagtg aatggtaact gaaaagctga gtgaaatgtt aaattccaaa gaacctctgta 240
acattgatta cataatgtca gagaatcctt 300
330

<210> 1014
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1014
gtgtgtgtgc gtgtgtgtca catgtgcgtg cacacacata tactatgttt gttgtatttt 60
ttcttggtta actgagacta aacttgaaat tttaaagctgg ccttccatga aaattattta 120
atgatgcaat gcaagacaa attgctttct acatcaattt tcatgccaag tacctataaa 180
tgtagataaa cttaaattat ccagagtttc ttacggaaat atcagccttt tattcaagta 240
tatgattttc tataaagtat tgctattata atcttttaat gctaggtgaa tccacatcaa 300
gcattcaata tttgtggat gatacaa 327

<210> 1015
<211> 293
<212> DNA
<213> Homo sapiens

<400> 1015
cgacagaagg gtatctttat taacaattga ctgaaattt aaaaaaat 60
atttttaatt ttaatgaagg aaaaagttaa catgtaaatg cttgctttat ttttcaattt 120
tataaaagca gtttaattaca gagaagtgtc gacatttcta cttttcatag gaaacttgga 180
gagaagtcaa aggtgtaaaa aggacaaatt ttagaaaatg agattcatga gaaagactg 240
attaagtcca ctttagttaa tgaatgtgag aattatgaaa aattaaatat tac 293

<210> 1016
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1016
gttcctaagg tactagaggg agacacaagc caagaacctg gcacatatct cacatccccc 60
agagatttaa ttcatcagtt aaggctcacac tcctatggac cccaccctcc tatgcatcaa 120
gggctggaat cactcactga aaaaaagctt tgttggtcgg acacggtgac ccattgctgt 180
aatcccagca ctttaggatg ccaaggcggg ttgaggccag gagttcaaga acagcctagc 240

caacgtgggt	aaaccccatc	tctattaaaa	atacaaaaat	tagccacaca	tgggtggcatg	300
catctgtgg	ctctaactact	tgggaggc				328

<210> 1017
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1017						
tacggcgca	gaagaccaca	gaaggggtggg	catatttact	catcatatc	aaagtcctgg	60
ggattcaggt	ggaaaattaa	ggccattttt	aaaattctgc	ttaccacatc	tctggatgtg	120
tatttttcac	tgcgcgtgtg	agtcacaaaag	cttaaaagagc	atctagccac	tggactagaa	180
aactttaagg	acacttccag	tctcaaaatt	ctaaaaatct	aacatgtaaa	gctatttttt	240
taattggaaa	ggaaaacaa	ttatgcaaat	ttcaaagtta	gttaaatcaa	aaaggggtgct	300
gaagatcttc	ttttcttagg	ttaaaataaa	aaggacatgt	tttaacaaaa	gtgtcattt	359

<210> 1018
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1018						
ggatgggttt	tttttaagg	gtttctcaat	ccatttgtca	tctaaagatg	caacaagaga	60
agatatattt	cttcaatgaa	aagttatctt	catcttttaa	tcttttaagc	ctaacattaa	120
caacaaagac	cctcattaaa	tgctcatctc	cacatgcaag	gtacttgaaa	aatcattttg	180
agaattagcc	atatcagagt	tgactgagag	atataaaaaa	caagaaatca	aaaagacaca	240
acatgaaaaa	caaaacagaa	cacatcaaca	tatttgtaca	agacatgcct	caaatgaaa	300
gtagcaaaa	aattctacaa	agacacaaa				329

<210> 1019
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1019						
ggaccctttg	atcccacat	gggactgttc	cccgacccta	ggccactgga	atggggggaa	60
agagaaccct	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactctctct	gctctctggc	cctcccagct	ctgacttcc	tctgtcttcc	cctctggagcc	240
agagacgtgg	ctgggaagag	ccccgtgctc	ttgaagccag	tgggtgtgtg	gaccaggggg	300
aacaggccac	tgtgtctctg	gatgcgtg				328

<210> 1020
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1020						
tgctcctaaa	aaaaaaattt	gtacatacag	ggggttactg	tcacataggg	ctggggattta	60
ggcatgagtc	acctgcctga	ccagcaagtt	cttaaatctc	gcagcaagtt	cttaaaacaa	120
tggctgtagc	ataaataacc	cttcataaaa	acgctaatac	cgatgctggg	acgggtggctc	180
acgcctgtaa	tcccagcact	ttgggagggc	gaggtgggca	gatcatgaga	tcaggagatc	240
gagaccatcc	tggttaacac	gggtgaaccc	cgactctact	aaaaatacaa	aaaaattagc	300
cgggcatggg	ggggggcgcc	tggtatcccc				330

<210> 1021
 <211> 336

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<212> DNA
<213> Homo sapiens

<400> 1021
aggcttgtga gagccactct gagctaggac ctcagctgag agaggctgga gcaacacccat    60
ggcaatttttc ggattcactg cctaaactga tgtcagtgagg cagatgagcc tttcaccocaa    120
taagctaaacg tgcgagggtgc cttccaaacc ccttggcaga tgggtttttta ttatagggttc    180
aaagaaaaaat ggggctataa ccaagtctct tgggggacag gactgtttcc atgcttgagc    240
ttggaagcaa gattgatgtg acaaaacacg tacgttgggtg ttggtccaca ccatcaaaac    300
aaacctccta ggtcttgagc tccattgagg tttcac                                336

<210> 1022
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 1022
aacaaggct tatggatttt ggtgccctct ggcatttttg cagcttttct gctgatttgg    60
agcgtaaaat gttgcagagc ccagctagaa gccaggagga gcagacaccc tgcgtatgga    120
gccaacaacg aaagatgttg tgtccctcct ggtgagcgct gtcccagtcg acccgataat    180
ggcgaagaaa atgtgcctct ttcaggaaaa ttataggaaa tgagagaaga ctgtgacacac    240
tcgatccctg catccttaat atccagtgac ttcatctccc ctttcttccc acaattccag    300
gcaatggcct gtcggaccag acaattctac cn                                332

<210> 1023
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 1023
gttacccagg tgggcatgtg cataggggtg gaacccacag acaccccagc ccaggagcca    60
ttcctgatgt gggagatagt gtgtggtatc tccagtgagc cccctgaggc tcaactatcc    120
aaagggcctc agtctcgaac gacaggcagc gtcaagacaa ggcaatggca cctgtcctaa    180
aatcctctac acacctctag gaaatatatc cacagataat agcttcgcct tgtagtgcac    240
gaggtccttg aatgattcct caccctcttt tgggtccagnt atctttctcc tctatgtgag    300
catttcaaac actccactca cagtagtag                                329

<210> 1024
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1024
taatgtgtgt gccagaattt catgacctca aggatctgaa ttttcaagtc actgcacaaa    60
ggacgtgttt ttgggaattt tactaattcc cttaggcaga tactttgggg tgagggggag    120
gatgttcacg ctgctaccca ctgcccttct ctgaaaaactg tacagctgcc ctgtaactgc    180
gtggggcccta gcaccagcca caactatact caatactttc acttattcca aactactata    240

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aacatccacc	tccttagaa	agaagtacta	aaaataaagg	caatccctact	cttctgttat	300
taataaaaata	aaaattaaac	actttggg				328

<210> 1025
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1025						
cggggttcta	gcagttattcg	catgtcatgg	aggggaagg	actaccccca	gaaataatac	60
aactgcctac	ccactccatg	aagtgaaga	tttgaagac	atttctctgt	tccaaaggcc	120
tgtgggcaga	attaatagta	attgccagaa	aagccagggt	caaaacagac	gctacacttg	180
cattttattga	atgagcttat	tggatatctt	gggtgcaagc	aggaagcaac	ctgctgacct	240
gagctccctg	tggccctggg	cctctccact	ctgaaaacat	ccaggcagat	cttacaactc	300
ctccagtcac	accagatac	caactctagg	ccagacg			337

<210> 1026
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1026						
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tatttgaagg	ctgttgggga	actggcaaaa	ataaggtcct	cctgaagaac	aaggcttgca	120
gcagacagga	gtcaggcgagt	ttcagaggac	cttgacaagt	gcagcgtata	ggtttaggtgc	180
gggagtcac	ctgggttccac	gtctttgact	ctactacatg	gggcaggcta	tttaacagct	240
ttctgcctca	gttttctgat	ctgtaaaaatg	gtgatgatat	tactcatctc	agttattactg	300
tgaagtttaa	atgagctggg	atataaaaag	n			331

<210> 1027
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1027						
ctgggtgaca	aagtcgcaag	gttgtgtctc	ttacctgccc	acaggtgcac	gtcgtcagcc	60
ccaccgcctc	actgcagccc	ccaaggttac	cgccagccgc	cgaggggtgg	gaacgcgagg	120
gtgatgatat	caacagccaa	gaacccctcg	ggcttgtcca	ctgctcaggg	cgtccagacc	180
ccgggggaag	caggtccacc	actaggccca	ttcgacagat	agcagacaaa	tcaccgtcac	240
cacgactgga	gaatgacatg	tcccagcacc	tagtgccagg	ccctcttcca	agggcttgca	300
tttgcctatc	catttaacc	ccagcag				327

<210> 1028
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 1028						
ttctgagggc	cactactgtt	cagtgttgag	ccctcactgc	cttcaagcac	tggcatctgc	60
ccctctttgg	ctctgtttgg	tctccttggc	ttcacccctga	gcctcattct	tggccatggc	120
caagctttcc	tggctctggc	cccatccagc	acccagtgcc	ccctgcccac	tatcgctga	180
tgctcaagca	taaccacgct	accttttggt	gaatgaacct	ctgaggggta	gtacaacgct	240


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agtttgaatt atttttccct tcccctaatt tctttgagca gactaagtta gaaaaatatc 300
catatg 306

<210> 1029
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1029
gataaaaca acattacttt ctcaaaaact ctaattcaat atataaatag tataccttca 60
cattcatgaa tctactctgt ttcaaaagatt actagttttc tagttatttc tttattcata 120
tttatgtaga atatttcaga ataagcaata cttaatttta aagaatatgt ttcacaaggt 180
attttttgat ggtttaaact ttgtttatca acagaagata cctgctcaga agaaattgtg 240
ggttttcaac ctacgcgcga ctgaaatgca tgtttggattg cttttgttgg aaaaggctgt 300
cctttggatc acaggatggt tatcaaaatc g 331

<210> 1030
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1030
gggttcaggc cgggtccctt ggctgagctg accccacagg ttccagcggg tgggcccacc 60
tgacggaggt cgagcccgac gaggaggtgc agggcgagat ccacctgcgg ctgggaagtgt 120
ggccaggggc cgggctctgc cggctacgct gctctgtgct ggaggccagg tgagactcag 180
gggctggggc gggggcagtg ggtccctctc aactagagaa acccaatgag gaagctgagc 240
ccccctctgc cccacctcta cctcctggtc ccagagctgg ccacctccca tcaaaagcctg 300
ctctcaagag agggctctgc caggcacggc gt 332

<210> 1031
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1031
aacggctgcc ataatacgac agaacggacc taagccttac aagaagagat gctgtcttgg 60
cttctgctgga ggaccttgc ttaacttagat gtcttattat taacgttacc tattattgat 120
ggaaatacac taatttgatg gggccttagat ggtaacatgg catttctaata attggcttcc 180
tttcttgcgg gcttgaltag ctgggggacc gaatcactac cgtctagctt actaacttag 240
ccaatcttgg cagaacatgt tcaccttaca cactgcacct atacgctctt gaaggcgctg 300
caatgaacac cctcctaata tctccatatg aactataccc taacaagctt 350

<210> 1032
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1032
tgtgcctgta atcccagcta ctcaggaggc tgagacagaa ataaattgta tcagaacagt 60
gtaaacatgt agacagatac tgacaggaat aagggtttgt gataactttt tggttacctg 120
aagcatttat gaatacaggt aagtctgtgg ctatgttata gaataattgag gctccattg 180
gtttgacttc caaattagcg ctttatbaaa ctcggtgtca gtgtttgtac acctacttgg 240
gctgtattct ttctactatg aaacatatct taactgtgaa atgaatatct taaagaatca 300
ccttggggcc aggcattggt g 321

<210> 1033
<211> 326

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<212> DNA
<213> Homo sapiens

<400> 1033
aaggggtaag gtagtggtat atgcaaacgc attaagacgg gaaataacac aaaagaaaaa 60
aatgagtcac tctaggtgga atgtacctta caaagaattg ggtaagatat aaacacgggt 120
tatctcattg gacaatgaca catcatgggc aatgttaata atctgaggct ttaataaaaa 180
tagaggataa ttggagagtt ttagacagaa gagtaaaata atcactatgt tttttataaa 240
gtacctaat gtcatgtaaa gtatatctt ggccggggcgc ggtggctcac gctgttaata 300
tcggcacttt gggagacoga ggcagg 326

<210> 1034
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1034
tgagactttc ctagccatgc aggactgtga gtccattaaa cctctttact tataaattag 60
ccagtcctgg gtctctcttc atagcagtggt gagaacagac taatgcaggg gggctattat 120
gttgccaatc acaggatata aataaaaagt taagaattat aatttctaag ttgtaggatt 180
tcctttaate cttttatcta tattttcaga agttttccca ggaatacaca tactgctttt 240
gaaatgagaa gaatgaaatc tcatttatag tctatatgga cgtctttgca atgttcatta 300
atccaccttt caggacagcc ctgg 324

<210> 1035
<211> 190
<212> DNA
<213> Homo sapiens

<400> 1035
gaggggaaaca gggcttgaaa gaaagaagga tgggggaaaa gaaaagagcc cagcatcaaa 60
gagaagctgg ttttgcctgg agtggccaag tctacctgac acaggcacaa tctctgatct 120
catccacatg gccaggagct ggaagtacta aaattagaat ccaaagtgtt ctaggctggg 180
cacggtggct 190

<210> 1036
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1036
attgttatcc gaaatagaga aataactcct gttaatcaag aaaaagacag aaacttcaat 60
gggaaaaaaa ggaccaatga aagagacaaa ctaccataga tcagatttct tcccatagct 120
aaacagtata caaagaaact tcataattat aattatacaa atgcaaatca aggcagtgag 180
tcattactct taccagaaag actctaattt aaaaggataa acacaacaat tattagaaaa 240
tgtcatgat gttaactttc actcacttgt agtgaaaagt agtctggaaa tattttatac 300
atcatagaga aattccogaga atcata 326

<210> 1037
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (326)
<223> n = A,T,C or G

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<400> 1037
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gggaagttca aggaagtatc tggcaatatt atttttctta tggagccttt ccataagaaa 120
gaaattcagt tataacaagg tcacatttgg ttaggtgaca taatggtgaa atgacatttt 180
ctgccaataa caaaacctat atattgtacc tgagtggccn cnnncnnaa naattttttt 240
tggaaaaaaa atccccctt gtggcccaag ttttaacccc aaatttctta ttcgcccata 300
ctaagcttct taaattccag gaaaaa 326

<210> 1038
<211> 191
<212> DNA
<213> Homo sapiens

<400> 1038
aatgatactg tgataaaag catccaccag catgaacttc atatgtgact ttgctgttag 60
atctcaggaa gatgtaaaaa ggcagtttaa gatcttttat cccaacttcc tggataataa 120
aaagatagta agtttaggac ttataaaaag aaataaaatc aagaaagaaa tggggcatga 180
aaaagaataa a 191

<210> 1039
<211> 325
<212> DNA
<213> Homo sapiens

<400> 1039
gagttttcat ttgtggtgag attctctccc aggccacaag acatttctg ctcggaacct 60
tgtttactaa ttgtaagtac ttacaagta agaacttgtt ttaaaaaactt agcattcaaa 120
aaaaaagctt tctttaaaag ttatttgatt ttcttgcttt ttttcttagc atgctatatt 180
tcgagtttca gctaaatgac aaaggacggc ttattttatt gctttctttg gatgcattca 240
gtcgaaatca tcaaatctt gcttaatat catccagacc ccaggctggt ttttgaagag 300
tggggggggg gccaaagttt ttttt 325

<210> 1040
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1040
acattctctc attgtggtcc ccaaagctct tcctggggcc tttctttctc ttgacaaaag 60
caagactcaag ggagctggga aaggtgcccga gagtgaagaag tgagagaagt gatccagaag 120
tgagagctcc cagccctcgt gttgactggc ctgggacatt cagccctgcc tcttacattc 180
tttgcctctt cccaaattat taataacaca tgagtctgaa atacagttag ctccacagag 240
gaagacctg tattctctg actattcaga atgttctagg gacagtgtga taggagctg 300
agtccacact ctggagctg 319

<210> 1041
<211> 299
<212> DNA
<213> Homo sapiens

<400> 1041
gcataagaaa agattggatg caagacaggt ctctgttgc gatagggcaa ggatecagtg 60
tgaagacctg atagtagccc taacagctga aaacagctcc tgattaacag ctagcaagac 120
aatggagacc tcaatcatat agcaacaagg aaatattttc agccaacaac cagaaggtgt 180
tcaaaagcaa tctctccctc cttaagctc caggtaagaa tgcagcctgc caacattttg 240
ataccaactt tatgagatcc taagcacgga gtttagccat gttgtgccag tcttctgac 299

<210> 1042
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1042
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 atgctattgt atcctaatacg ggctaagtat ctcattgtaca gtcattttga ttttacgtat 120
 atgtttggat ataggatgtc tctggaatga tatgaacaac tgacaacaat ggtagcatct 180
 ggcaaaaggaa actacatagt acaacaatgg gagtaagatt tccttttcaa caccatacat 240
 tttgtttctt actgaacgct attcgtatgt aaaggcgatg tattataacg gtcaataaaaa 300
 tcaagctctc caggttcaca 320

<210> 1043
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 1043
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 gaggctccag atgatgctcg tggcctgcgg actgtacttt gtgaacttat gctggagcag 120
 atggatcaga aacccccggc agaggatgct caggaccctat caagcccccg cgaggaaagga 180
 ctgagacccc caacccccacc aaattaaagc aggcaatgga gaattatact gaagggtattc 240
 ttcggtctgg caaaaacatg attagatctg cattctaag actgctcgca gagtaaggga 300
 tggattggag caggggatt 319

<210> 1044
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1044
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 ctctcaggag ggactcatga acacgtgccc tgagcacccc caaaatgaca tcacacaagg 120
 gcagaaagga gctgaagggg gaacgtgaaa ggcagaaagg gagccgtggg tgccaggcaa 180
 ccagccctag ccacctcttt ttgtttgggt gacagcaact aaggctctgg cagggccgggt 240
 tggccacgct catgcctttt tctctcaaca gttgctcttt tgaagtatgg agcaggctat 300
 ggtcacctgg cgggctctct cagctaagac cttcacaagg tggggagcct tga 353

<210> 1045
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1045
 cgtggcaatc tctggtttta aactggcacc tgggtctagtc aggtttgttt ttagattgat 60
 tactctggta gctgaatgaa ctatgatttt ggggaggata agactggaaa gagggaacct 120
 aattttctcg aaccttctaa aggataacca ggataattga ggtggagata caaaataggt 180
 gacaaatctg agaagtatat atgaagtaaa ataggtagga tttggtgact gatagtggat 240
 gtgagccatg aagagaggga tgaggctggc aaataactaag ttgttatgat ggaatgaatga 300
 gaggattccc atactgtttg agatag 326

<210> 1046
 <211> 272
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 1046
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ggaagaagaa agcactgaaa agaaaaaaga agttgaaaaa aagaaacggt cacgagttaa    180
acagggtcctt gcagatatgt ctaagcaagt ggacttctgg ttgggggatg caaatcttca    240
caaggataga ttctcttcgag aacagataga an                                     272

<210> 1047
<211> 323
<212> DNA
<213> Homo sapiens

<400> 1047
gtagggggag tttctctatg tggccctcgg actttggcaa agagcctgcg caaatgctgt    60
caccgatatt ccagtcctgga tcctagaaag gttcaattct acttcaacaa agaaaatttt    120
tgagttatag gaataaggac ggtaatctgc attttgcctc ttgtatctct cagtaattta    180
cttggtctcg tcagggttga gcagtcactt taggataaga atgtgcctct caaaccttga    240
ctccctggta ttcttttttt gattgcattc aacttcgtta cttgagcttc agcaacttaa    300
gaacttctga agttcttaaa ggt                                           323

<210> 1048
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1048
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atcgcaatgg ttgcatttgc agtggccttt tcagttgccca gcgtctattc cctcaaatac    120
gattattcac ttgatggctg tcacagtgca atagcccttgg tactgggtaa catattctgt    180
gtagtattca taggatccgc tgggagtact gtctctctca gatcagcgtg tcaggagagt    240
acaggagtggt taacactagt tgctgtgcct tattggtgtc atcacagttc ttgt       294

<210> 1049
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1049
ggaagcgtcg gcgacgcac gcgcgatggc gggggcgagg cagtgcctgt gaaactgaac    60
acaacaaaag tatggatatg ggaacccaac atccttctat tagtaggctt caggaaatcc    120
aaaaggaaagt aaaaagtgtg gaacagcaag ttatcggtct cagtggctcg tcagatgaca    180
agaattacaa gaaactggag aggattctaa caaaacagct ttttgaaata gactctgtag    240
atactgaagg aaaaaggagat attcagcaag ctaggaaagc ggcagcacag gagacagaac    300
gtctctctaa agagtggag cagaaa                                           326

<210> 1050
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1050

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taacaaaaca	gctttttgaa	atagactctg	tagatactga	aggaaaagga	gatatcagc	60
aagctaggaa	gcgggcagca	caggagacag	aacgtcttct	caaaagagt	gagcagaatg	120
caaacaccacc	acaccggatt	gaaatacaga	acatttttga	ggaagcccg	tccctcgtga	180
gagagaaaat	tgtgccattt	tataatggag	gcaactgcgt	aactgatgag	tttgaagaag	240
gcatccaaga	tatcattctg	aggctgacac	atgttataaac	tggaggaaaa	atctccttgc	300
ggaaaagcaag	gtatcacact	ttaag				326

<210> 1051
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1051	acctttggtc	atgcatagac	taagatgttt	tacttaacttt	ttcttttatt	tgccaaaagg	60
	aaatagaaaa	ttcagaggcg	atgttgactt	ggggagacct	tctgaggag	gaagaaatcc	120
	cagggtgacct	gggtctcttc	acattcctca	ggaagcccg	tggtttcagg	aagacctgca	180
	caaaggggaa	acctgacctc	ataattgaac	aaagctgatt	tttaaaccatg	ggaagacagg	240
	gctaattgggg	tggttgtgag	gagtattagt	cccttcagg	gagagaattt	aatgactgag	300
	gtcacaggag	acaattctt					318

<210> 1052
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1052	ggctgcagtg	gtaattattat	atcagtagc	agccttagaa	gagtggtcta	agacttgaac	60
	ctggagcaat	tttatagcac	agaatcctac	gaagatagga	ctgtgaacat	ttgttttctt	120
	tttcgtgtgt	gtcaaacata	ctgggttttg	ctttaccaat	aaaatgtcct	cggcagagta	180
	aatttttaaac	gtgaaaatta	tagatcttga	tattgaaatc	atcagtgatt	caagagatgc	240
	acctaatttgc	ctaaaaacaac	ctaagatgta	ttggttatgg	aatcatgtgt	tggataggtt	300
	cttaagacct	gtttcctg					318

<210> 1053
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1053	ctccaatcca	gatttttaaac	acaatccttc	taatgtaata	tctgtaccta	tatagattta	60
	gtatgaaaa	tatacaagct	aaataatgag	aaagcaagga	aggtgaaaag	aaaagatggg	120
	tagccaattc	ttccgggtct	cagtgaggag	aagaaaaaca	gatggcagga	agtagtatga	180
	ctctctcttc	ttttcaactgc	tggttattat	ttgtaaactca	cagggcagaa	taacagctct	240
	agagctcaat	ttatctggag	gagattcagc	acacctgctt	ctctttttcc	actggcatgg	300
	ctcttggtgt	aaattgtg					318

<210> 1054
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1054	ctcagaatgt	gagaagagca	ttttaactcc	attttatgtt	ctcaaatccc	aagaaaaata	60
	ggaatcaaga	aaaaataaac	aagaaaaata	aagaggtgtt	gaaatgaaga	aaccttaaaa	120
	tctaaaaaga	tttctaattt	ttttaatgtt	gccttaaat	tttgattga	actatctcct	180
	tcaagtttcc	ctaattttata	catgttttac	ccagaaataa	cagtcagcta	tgcatgctaa	240
	ctttaaaaag	tcacgtttat	cacatgttgt	tttcagagcc	aaaagccaaa	tgtcctgtct	300

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cccgatgatt ccca
314

<210> 1055
<211> 316
<212> DNA
<213> Homo sapiens

<400> 1055
ttcctctaca agtcagggtcc ttgaagtgca tgagcagccc actggggcat gaacttggcc 60
ctaagtctac acataaccag tagggagggtg gtgaaaaagg gccttcagtg gggggaaatt 120
tgtggatcaa ggcaccagggt ctttccactga aaataaccct gagttagtggt tctgctcgt 180
ccctctgctt actatgtagc ctagccatca gcacagctga tcttagctgg tctctgattg 240
tcctcattt cttccctcaa aagctattca tgagactggg tacagtgggt cagcctgtga 300
atccagctac ttggg
316

<210> 1056
<211> 314
<212> DNA
<213> Homo sapiens

<400> 1056
tagggcctat tatagacaat coattacagc tatgtgagga tttggaagga ttatctaaaa 60
ggcatcactg actgagaata gcttgatagc cgaagggtgat atttgactcc ttcgactacg 120
acacatcat catactttta atatgtacag ggcataagatg tataatatg atcatatgga 180
tactaagaga aatttggaaa aattcaacct acattactaa tataagaata tagtgacagc 240
acgtagagaa aaagagatta cgtgtttggg ggaaaaaaga caagcctaata acaaggagg 300
tatacggctg ggcg
314

<210> 1057
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 1057
gtgtttaaac caccagctct atggtacttg atgtggcagc ccaaactgac taatacaatt 60
gttaaaatct accctccaga ttctcagtag caaaaatga accagcaaca tctcagagat 120
tgtgaccctt tgtgtgtaca aaagatgagc ccgtttttt tctaaatcag tgtggaaact 180
aaaagtaaaa glaagttata tcctaaaatg ccaaagtgtg tcgtaatcca gtaatcactg 240
ccctctaaaa tacgccattt
260

<210> 1058
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1058
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120
aaaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180
tcaaaagaca gatggcgaaa aggactatac cgaatatata ttattttctg agcaccagca 240
taaaaaacaag agaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaa 300
tgatactata ctg
313

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<210> 1059
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1059
cttccaaagta gctgggatta cagggtgcttt ttatgectgc caggccggac gcagtggtctc 60
acgcctgttaa tctcatggta ataaattcta tgaataaata tagagcagag tcaggggtag 120
aggagactgg agggtaggca cctataggga aggcctctct ggcaaggcca cacatgagaa 180
atgacctgaa gcaggaggga aggagtcatg tgtatatttg agggaaaggg tgtttaggaa 240
gcgggaacag taagtgcaaa gtccctgaga tgagagagtg cttgatgtgt ttaagggaatg 300
gcaatgtgca gccaggta                                     318

<210> 1060
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1060
agggtgaaga cactcctaatt ttccaagtc tcccttagct tcttaataca gaatattaac 60
aagcatacaa gtataagatg ttgatcctta gaaacctagt tccaaaaggt cattattaat 120
cacataaatt tcacagaatt tattttatctt gggaaatgtt ctataaaaca tttttgtact 180
aaataaggtaa agctaatggc agtatttaac tgaaaaaagt aaaggggtac attgacttta 240
ataaaaacag ttgaaagaac tattcaaaac ataaatgtat tactacaaat gttttatata 300
ggggcacaaag agttctctg                                     317

<210> 1061
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1061
gggggtgcaga aaacacacat gttataaaac tatatcataa aagcaccata atgtcaagta 60
gttaaacocat aaattggata attcggctcag aaaattgcta ctgctgaaca aaatggctta 120
attttttttt tttttttttt ttccaaaaaa aatttctctt ttgttgccta ggacgactat 180
aatgggtgac aataaaagta ttgtgactt ccttgagttt tacaacctt ttacatgctt 240
aaggcccttg acttcggcgt ttgtgcagag gatacccaca cccccggat aattctttct 300
tttaagtaaa aatggggct                                     319

<210> 1062
<211> 310
<212> DNA
<213> Homo sapiens

<400> 1062
ctgaggttat ccttttaatt aactctgctt tgagaagggc taactgatca gttagcagtt 60
gcttatcctt ttaataatca tctgctttga gaagggtcaa ctgactcagtt agcagttgaa 120
tatgacagtg tagtaatttc attactcaaa acagtaaaaa ctcaatatgt taagcataca 180
gacatacaaa tatgaagact ttttttctct ttctattttt gttggctaat tattgggaaa 240
tgatgaatt ttgttatagc aaaggaaocg aattggttag tatttttggt ggaagagaaa 300
gagctgagcc                                     310

<210> 1063
<211> 156
<212> DNA
<213> Homo sapiens

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<400> 1063
tagtttaggc aatattaaca ccttacatct gtaatttttag catttttgaat acacagtttt      60
taatgtacat tatccattgg gcagatccat agaacaagct aaaactttcc agattcacat      120
tactttaaaa atattttgat ttgctgggtg tgggtg      156

<210> 1064
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1064
gcttctgaga agtcccacct ttctgagcag ctgtgtttga agaaagctag tgggaaaaagt      60
tccaggatta catgtcagga aactacaaga ggtagaaaca tttgttgatt taccagtgtt      120
tttaacttcc tgctgggctg aaaactgctt gtttcgtgga aaagcaaaac ttgacagcaa      180
acatctaaaa tgaagagctc ccaaactttt gaggaacaaa cgggaatgcat tgtgaacact      240
ctactcatgg acttcttgag cccaacattg cagggttgcca gccggaacct atgctgtgta      300
gatgaagtag attcagga      318

<210> 1065
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1065
gagttccaag taggtaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag      60
aaagctagtg ggaagagctc caggattaca tgtcaggaaa ctacaagagg tagaaacatt      120
tggttgattta ccagtgtttt taacttctcg ctgggctgaa aactgcttgt ttctgtgaaa      180
agcaaaactt gacagcaaac atctaaaatg aagcgctccc aaacttttga ggaacaaacg      240
gaatgcattg tgaacactct ag      262

<210> 1066
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1066
gagcagaggt cagggtctta tataaacagc ctggtcceta actgcttccc ttctgcagtc      60
aaccgccagg atggactttt tgttcagttg ctcttttcat cctctttgaa gagatgcaaa      120
tttgaaacaga cgggtgctcg gttgggaact gttttgtccc tgccatcaat tgtatgttcc      180
tctctgtgat tatctggtga gacagtgc aaataggagc aaactaaca ggaaaaaata      240
caagggaaca ggaactctta gcgtacagga gttggccagc ataatttatt tttttcttat      300
gcattggtcat gctatgt      317

<210> 1067
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1067
tggggaggcc tctactggga accaccttct gtaggacagt caccaggcca gatccagaag      60
gcttgaggcc ctgtgtgtccc catccttggg agaagtcaag tccagcacca tgaagggcag      120
cctcgatgct ggaactcagc agtgcttggt gcagctgtag aatctctgag ctgcgtgcag      180
tgtaattcat gggaaaaaac ctgtgtcaac agcattgcct ttgaatgtcc ctcacatgcc      240
aacaccagct gtatcagctt ctcagccagc tctcttttag agacaccagt catt      294

<210> 1068

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<211> 317
<212> DNA
<213> Homo sapiens

<400> 1068
gtgaacaaaa caggattatt cctataaaca gataaaaatta acagaagaaa actttaaagtt    60
caaaatgtat tacttgataa aatgctcgta atattatttt accataccca ttttaccatt    120
taaatattac tagttttttt tctcaaatat ccattgataa gcttattctt taaaaacaga    180
agttagggaaa gtgctagcct ttttgctttt tattcacagg aactgtgtga cctgatgtag    240
tagacacat tctcaacatc ctaataggtc acttctgtaat ttttctctga attttgaata    300
agataaaagt aatttga
317

<210> 1069
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 1069
caattctggt agaaaaaato cagaatgggt ctacagtaat gagctaaatg atttcagctc    60
tctgtttctc tatagtactc aaatagaagg aggcacagtc ccatatttgc ttgttgcaat    120
tgtgcatgtg ggcataaagt tcagagatgt atgtcctggt gccccaactt ttgcatttcc    180
tgtgtcatta taaacctttt ccaaagcata atgacacaaa acatgatcat atttatatgg    240
gtcatttagca aaagggaata gctactcata ggagagatga ctgngccaag cccaacttgg    300
caacagaatg aagaa
315

<210> 1070
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1070
tgtgggggtac attgtcaagc cacaaacata acctgctctg taataataacc ctccactacc    60
gttatctctg tttggcacag tatgattcaa gtcttaactc taacactaaa attaaagtgg    120
ttcactctat taaaggcctc atctcgaact gaaactcact aaagcatata cactgcacgt    180
ggaacagctg aacacaaaagc tcttaactct aagttgaact atttagtaaa cctatagctc    240
agaatttgac ctcatcacct cagaaaatca gggataaaat ctgtctttat attgtttcag    300
gtacttgggt atcagag
317

<210> 1071
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1071
aacactaacC cacaggagg atgaaagagg aaagtgcctc ctctggctga aactgccagg    60
atgccctcta ctcttaaaaa catttgggat ttccatagc gcgtttctat aacaaaaaat    120
atgtgctagt tcccgttagc tggaaactgac atgtggaagg ggcagggtct tgtggggcct    180
ggccaagact gcccccctgt gtacagcaag ggaggacctg cggttccacc agagccagag    240
caggggccaga ggccgcaggg gcacctctga gctccacaa agccagcaac accccatacc    300
ggcgaacaga cagaaagg
318

<210> 1072

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<211> 318
 <212> DNA
 <213> Homo sapiens

 <400> 1072
 tgccatcagc ttctgaatca tgtgtgcacc ctaccccaca cggcagtgga gtggcagctc 60
 tctgtactgt aaaagccaca caagctcaag gcaaaaaagtg gaacatgcaa agggaaatgaa 120
 gtgaagagct aagtcagcca cgtctctctt cctccctcca cctccacagc gctgcctgtg 180
 cccatggcac cgagttaaaga ttttaagtgg atcaagatct tcatgtttgg acaacactgg 240
 ccaatgactt tatctggtgc atctgagaaa ctattgaaag gagccacagc tggaggaaca 300
 cagcacttac taggggtgg 318

 <210> 1073
 <211> 316
 <212> DNA
 <213> Homo sapiens

 <400> 1073
 cctactaggt caagtgagta ccaaggacag cgtggcaggt gaccatacac acgcctgaat 60
 aacaggaggg atgctgcatt gaggcctacc tttggaaaaa gataccacga tgccttaaca 120
 accgtgggta atagtggtca tgcctttggt aatgtactct atgaagtagt aataaagggt 180
 aatatctccc attggcatta tcaaatatta aagtactggc caggcgtggt agctcatgcc 240
 tgtattgcca gcaatttggg aagctgaggg aggtggatca ctagaagtta ggagttcgag 300
 accaaactgg ccaaca 316

 <210> 1074
 <211> 316
 <212> DNA
 <213> Homo sapiens

 <400> 1074
 ggagaagaaa gacgacagcg ggaacacaca agaagaaaac ttactcttcg tagaaaaata 60
 gaagaggaat ggaagacaaa agagatgtta ctctgacaa ggatggcaga agatgttaaa 120
 agagaagaga ggaatagaaga acaacagcat agaacagag aagagagtga caggaaaggag 180
 gtataaatat ttcaggccaa ggttcaatta ttcagcgcca ggtatcacc acgagaaatt 240
 ttccagagt ttacaggcca tttttggatc cttcaaaaaga agagaaggag acaaatgctg 300
 ttgctgagtg aagacc 316

 <210> 1075
 <211> 314
 <212> DNA
 <213> Homo sapiens

 <400> 1075
 tactggaact ttctaatttg taaaaaaaaa aaatcctaa atactcttaa atcaacaatt 60
 acaacccttc ataagccatt ttgggtaaat tttgttctt ttggaaaaaa ccacactttc 120
 ctgtatatgt ttcacaaaaa aaaaaagggt ctccccattt tcccagggac cgagatttaa 180
 gagtgctctg ttattgcagc aaaacctcac ctcttctgac caatcatggt ggaattttctg 240
 ggtgtgcgcc catgtgcctg tgtgagggcc gtgcgtgttt caccocgcg aaacctcgc 300
 ctcttaaca ctcc 314

 <210> 1076
 <211> 313
 <212> DNA
 <213> Homo sapiens

 <400> 1076

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actttctgct ttgcccctc cctacctcta tgctgatgaa gagccagcca tgcctccagc 60
ccttcctgag gccaccacat gatcttgctt attttcccat tccaggaggt cacctgcagg 120
gctcctccca cctagccaca atggctagtc ccgctgcctc cacagtgccc ctgcagcccc 180
atcccagacc cactgcacgg ggtcacaagc ttgtgcaggg tggacagagc agtagctcat 240
ggcagacatt cctctgtgtc atctgttgca gggaaaaatgg ggtgaggcat gggagggggt 300
cccagaatcc cag
313

<210> 1077
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1077
tatgggagga aaccaagcct cagagagaca gaatcatttg tgggagcagg tggagttgaa 60
tccaggtccg ccggattcca aatccgacac cactcccccac ttcttgactt tggtaagatt 120
ccaccgcgac tagcctgggc ccgggcaggc ctggggctcag tccccactg ccgggctgga 180
ccgcagagag caggggcacag ctcttctcac cctagtgtgg gccagctgcc aagatgcctc 240
ttggggttgg gaaaaggagc tgagctgctt gtccaggctg gtgggtgatt cctggggcac 300
ctgtttcagt gct
313

<210> 1078
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (279)
<223> n = A,T,C or G

<400> 1078
aatcactgat gactcttggt aagcccctct gtgggaaagt agtatctccc tgggtatcca 60
acttgacagg agtggttcagg atctcatggt ctgtagaggt cataaggagt gccagctaat 120
ctgggctgtc atgtagacac agctcagtg agagttttct ggcaaaaagg ggaaccaagg 180
ccctggggca gagaaaatct tggagagtac ggaaggccca tgagactgaa gtgtaataaa 240
tgaagcatga ggagtgtgtg cgangacagg acgccaaga
279

<210> 1079
<211> 309
<212> DNA
<213> Homo sapiens

<400> 1079
aacacaagag tcaacactct gtaattggaa atattaatct gtgtgaagga aatagctaaa 60
ttaatgtcaa acaacaatcc cgaagacaaa gctgatgccc cagactcagt ttcagttggg 120
attaaataga tattatttca gtgtttatta aaagatgaga cacattaact aggttatcac 180
tcgtatttaa gtttcttttaa ctatacgggt ctaatgtagg tactaaacaa agttaaaaa 240
attttaaaat agctaaaaaa taagcaaat tgcatacaga aaataaaatt attagacact 300
tttacattt
309

<210> 1080
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (1)...(306)
 <223> n = A,T,C or G

<400> 1080
 aggggggtatc ttgtagatta ggtagcaaaa ttggaagtca aagtgtccag tggcagtggt 60
 gaaaagtgtt gaccaacctc ggtttgatga aggtggcggt aagtcacact taaacttttc 120
 actgggaagc aggatatttc tgagcctaact gcttatggag aattggcctc tgtatttccc 180
 tccagacttt catgaggcac cggcgttggc ccaaacatga gccagatgct gaatggcctg 240
 ccaatgcctg ccaatgtgaa aattattcag ttgtgttaag aaacaattta ctcatattct 300
 ggnttg 306

<210> 1081
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 1081
 ctgcttcgat tttatacctc acgtgattac tcatttcaag catactgtct ctttccgaga 60
 gtaatgatga aaacattgaa gaaaccatcg atccaattac ccatactgat cccagaagta 120
 taaagaaaat ggtaatatc ttggatggct tcttttcaata ttgggtatag cttgataata 180
 agtaggaagc ctgcatgatt ttactgtgct ctgagaatag ggatttttgt ttgcttttaa 240
 tgcgaagctgg gtgttggaag gagatttgaa acttgtgttt ggctgggata tgatgtagac 300
 tggg 303

<210> 1082
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 1082
 tcttacaata atcctgtaag gtaacatata cctcttttta taaatgagga aattggggct 60
 tagctaagtt aacttgaca aggtcaccca tgtagccaag aagcgttacc tagcttacat 120
 tattaactca tgcacttttt attttttgag acggagtctc accctgtcgc ccaggctgga 180
 gtgcaatggg gcgactctcag ctcaactgcaa cctccgcctc cgggggttcaa gcgattcttg 240
 tgccttg 247

<210> 1083
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 1083
 gaccagctca aaagagaaaa aggtgcaaac aatgcgaaga acacttaagg caagtatcta 60
 actacatatt tggaaacaag tgaatgaaac tgtttatgta ccagagatag aaaaaatatt 120
 ataacagtct acaggtgttg cattagtgtt gtgtgcttgt ctttacaact aggcagataa 180
 ataaaaacaa atatgttttt aaaattccaa catgtggtag tttgaaagt gtgtctcacc 240
 agtggaaatca taaaatctgg ctcaaatatt agataaaatt ggacttaaat ata 293

<210> 1084
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1084
 gagcctttcc atcagcccct gtgctgggta cgggtgaacc tgggggttct ggtttgagct 60
 catggagagc cttgggcccac taggggttcc ccaacggcgt ggaaagccca tgagaggaat 120
 gtgagctgtg acggaggaga agtgaggcgc tattggcata aaagaaaact aatcctcgcc 180

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acgggggagcg ggacctgggt ctcccatgga aaaaagtgcc tccccatcaa tccctgcgct 240
gggcccgcgtg gaccacggcg accctgggtc taggcctggg tgcacotcag gcccgcta 298

<210> 1085
<211> 301
<212> DNA
<213> Homo sapiens

<400> 1085
ttcttcagg gaatttatca gctaccttct cccacttgaa tactatattt aaattccctg 60
tatatctgta tttgaatatg cctgacaaaa tataataaacc tgagtatggt tgcttataga 120
tattactctac aatatagtta aattgtatca ttttatgtat caatgggtga aatactggcc 180
tagtttcatcc actattgttt taacaaaatg ttgacacctt cctgttggtt taaatagaat 240
ctcccttttc tatatctttg ctgttactat taatatgaca tgtcaagtca gatgtagaca 300
a 301

<210> 1086
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 1086
ggattctaca agcttttttg gtggaaaaaca atgataagta agccctatcc atgaaaccgt 60
tagtctctca ttttgaaatg aataattgca cgtacagact tataagaata atggcactta 120
tagtgactgc tatttttaat gtctttttta aagtgtctct ctaaaacatt ctcttttgac 180
tattttctgatt ctttttccca gcaagnttta tgtatttttc tacttctgag gtcacctgag 240
taagaatttt ctaacagata ccactttttt tttttttttt ttgggaaaag gagtctgggt 300
ttgcccccaa ggttgggggg cggggg 326

<210> 1087
<211> 295
<212> DNA
<213> Homo sapiens

<400> 1087
cacccttccc coactgccac actgccactg gcagaaaact accgaggagg accagcagac 60
ctgtccccca ctacgtggta gatgctgccc atgttaacgt gcacacagag gatgtacaca 120
agccccatgcc aaccggtgcg ctgccaaacac cactggcagt gcaaatgtgt gtatgggcac 180
cactgggttc cctaccccc atgccatata gccaccacca aagctgtgac tgcctgcaca 240
atggctggca tatctgcact caccagcacc cccctacagt tgatgagcat gcaag 295

<210> 1088
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 1088

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gtgctaagaa	aataatctct	ctttttctct	ttgaaaacta	gcacaagtgg	cctgtgaact	60
tgcttgatgg	gagaaagcac	atttaaatctg	gatgttcac	tgcaaaagcat	ttagtttaac	120
agccacagaa	aaattatctc	tcgctaattg	atccgtgaag	cagatttacc	gtgactagac	180
catctgtgtg	tggtgtgtgtg	tgatgtgtg	cggtgtgtgtg	tggtgtgtgtg	tggaatgaa	240
aatcaggatg	acgggtgtac	aacagcacc	ctcgagacg	atagt		286

<210> 1089

<211> 284

<212> DNA

<213> Homo sapiens

<400> 1089

caggtaaat	gcctttgct	ctctcctgg	ctagatcctg	attcctgggc	ctgatggctt	60
cctatttctc	agttccacct	catttgggtg	aacatattcct	caaatactct	ctttaaagag	120
tcattggcag	aaggctgggc	actgtggctc	acgctgttaa	tcacagcact	ttgggaggcc	180
ggggcaggcg	gaccacctga	ggtcaggagt	ttgagaccag	cccgcacac	atggagaaac	240
ctgtctctca	ctataaatat	acaaaattta	gccaggcgtg	gtgg		284

<210> 1090

<211> 276

<212> DNA

<213> Homo sapiens

<400> 1090

attcattata	ttatgggtta	cttttgcttt	atactaatta	ttagctcaaa	aacattttatt	60
taaaaaattg	aactagaatt	ttaaaaatata	aaaaatttaa	actaacaagt	tagtcagttt	120
tactattagc	atcaaccatt	ataagtaatt	cttttctata	acagatcaaa	atctcagtga	180
aaattcataa	accacaatag	ttgtctcaaa	ttattttatgt	tgctcaaaata	acaataagac	240
tattgtctacc	tcaataatag	gtacctcaaa	acaaat			276

<210> 1091

<211> 270

<212> DNA

<213> Homo sapiens

<400> 1091

gaggcaccgat	aaatagtaca	aaaggcatat	aggtttctgc	aatgtgtgta	cactggagcc	60
cttataatga	agaccacagc	acaagatggg	tcgagaagct	tgctaccat	atgaagatta	120
cagaaagaat	gggtctctgg	atcacatggg	aaaaaaaaag	gttatgtgag	aaaaggacgc	180
tgactagcaa	cagtggactt	attacgtagg	cgaaacctca	ctgggagcag	tcctcagagt	240
gcatagagag	aaaatgtttc	tttcagacct				270

<210> 1092

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 1092

tcaccaacact	agcttgctat	ctgagaccat	ctgcctgctg	ctggctttcc	tggcacaaac	60
attctgcattg	taggcacagt	gtgctcctgg	actccatgct	acctcagttc	acctcatgt	120
tcctctgggtt	cctgtcccca	gtccagcaag	cagaaactga	ttacagatct	taacagaaga	180
tacagattga	aaataacttg	cctgttcccc	tggaactttat	ccactagtca	aggaggacaa	240

gtggacaagg ggagagggtta ngtgggggc

269

<210> 1093
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 1093	
cccacgcatt cccccacatt catcctgagc ctaaaaggcc atctctgagc acttggggcag	60
ccactcctct gggcctcaga gggccatgag ctggccagg taggcacagc ggcgggggaag	120
tcacagctgt caggtaccgg ccatggtgca ggtgggaata ggagatgcca gagctgcttt	180
agctgagaga aagcaaacag tcagcagtcg tcaaaaggagc aaaaacttcca atgtgcacat	240
tgacccctga cacctgcaag cataaacacag atcctaagac tagagtgaag taggaagaag	300
aattagaaaaa tccagtgat gtccctgagta tagggaaacca gggccgctga aaatcagtaa	360
aggttgatta cctggngcga gaccgggtga ctgtggcagt gcaggtgaag gtacctggga	420
ccttctcag	429

<210> 1094
<211> 426
<212> DNA
<213> Homo sapiens

<400> 1094	
ggcacgaggg cacagaaaca tgccctgat tcagtgcttc tgcttagctg taacatgtta	60
atcagaacta cctggcatct tcctgaacaa gactttcaat aggggccaat atgcttcgct	120
tcacccagaa gttttctcaa gcatcttcaa agataactga gtactcttcc cagtgaggac	180
taagaaccag cagaacagat atactttctc tcaagatgtc tctccagcaa aacttttccc	240
catgtccaag gccttggttt tctcatcat ttccagcgta tatgagcaag acacagtgtc	300
atcatacatc cccctgcagc tttaaaaagc agcagaagca agcacttcta gccagaccct	360
caagaccat cacttaccta actgacagcc caaagccagc attatgtgta actctggcag	420
gactaa	426

<210> 1095
<211> 427
<212> DNA
<213> Homo sapiens

<400> 1095	
ggcacgagca aggaaggagt cctgggagca tggttttccc tgagccaaag ccgcggcctc	60
cagagctgcc gcagaaacgg ttgaagacgc tggactgcgg gcagggggca gtgcgagccg	120
tacgatttaa tgtgtagtgc aattactgcc tgacgtgcgg cagtgaacaa acgctgaagg	180
tgtggaaccg gcttcggggg acgtgctgc ggacgtacag cggccacggc tactaggtgc	240
tggatgcggc cggctccttt gacaacagta gtctctgctc cggcgggggg gaccaaggcg	300
tggttctgtg ggaatgtggca tcagggcagg tcgtgcgcaa attccggggc cagcagctga	360
aggtgaacac ggtgcagttt aatgaagagg ccacagttat cctgtccggc tctattgatt	420
ccagtat	427

<210> 1096
<211> 423
<212> DNA
<213> Homo sapiens


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<400> 1096
ccccatcgat tcgaattcgg cagcaggaaa ccttaaacta tataggtctg ctggactgtg      60
tggctgagta tcatagagat ttccattgtg atctattacc tacaaagtct tctctgtggtt      120
tcctctttagg ggcaagctct gtgtgattga ttggaagaca tcagagaaac caaagccttt      180
tattcaaaag acattttgaca acccactgca agttgtggca tacatgggtg ccatgaacca      240
tgataccaac tacagctttc aggttcaatg tggcttaatt gtggtggcct accaagatgg      300
atcacctgcc caccacattt tcatggatgc agagctctgt tccagttact ggaccaagtg      360
gcttcttcga ctagaagaat atacggaaaa gaaaaagaac cagaatatcc agaaaccaga      420
ata

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<210> 1097
<211> 387
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

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<400> 1097
ttttagttta tcgacagcga ctgggtcttct ttagcatctt ttttgtangt gattggcaga      60
aaataaaaaa ggccatattg ttgaaactca gcatcatctg cctcagggaa gtaataaaaa      120
aaacaagaga gcacaaagac tcaaataaag aagcaaatgg ggacacatca aaaaagtctc      180
ttgagaaaaa ttaccocagt agctaaagat aactgtagtg agagtataaa ttgaggtata      240
agaactctca gtgttcagta tgacagtggg tacacttaag actaagtctg tttttttctc      300
atttaacata atttaatact tatagaagtt tcaagaactg tacaagaagt ttcagaataa      360
ttttaccaca gatttcceaa atgtttat

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<210> 1098
<211> 415
<212> DNA
<213> Homo sapiens

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<400> 1098
cccatcgatt cgaatttcggc acgagggtat ctattttaag tcaggggctt tactagccga      60
tttagttctc acaataacca tgtggagaag ctgtgacatt ttaattttac aacctttctg      120
gggctcagac ataaagtac cttatccaagg ttgcagttgg gtatgtgtgg gaccaggtatg      180
gacaactcat tggccctgcc tcaaaaagcca tacctcttct cctgctatgc agaattctgt      240
tcctctgaat ctctgtgatg ctgggtgggaa ttggtttgat agaggaagga caataaccct      300
gccatcgtga gttaattgcc gggctgggca cagtgggtca tgccgtgaat cccagcaact      360
tgggagtcga aggcaggcat atcattttgag gtcaggagtt taagaccagc ctgggc      415

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<210> 1099
<211> 420
<212> DNA
<213> Homo sapiens

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<400> 1099
gatcccatcg attcgtggag ctaggctctc aggtggggct ggtteccagg cagcaggtgg      60
gaacctgtgg cctggattgt aggggcggtc aggaaggggt acaggggctt cctcatctgt      120
agttccccct caataaagca aggtctggac ctgccttccc aggcctctct gtgggggtga      180
aggtggggaa ggctcgcgac gccagatca ctgccttaag agtagtcttg cctgttcaag      240
gcaaggggca ggttttgggg ggaggaattc ttagcgcaag gacggggctc agccctgtgc      300
cctccagggg gccgctgacc caggtgggga gaggggcaaa gaagggtggg ggacgtgggc      360
aggcgaggct cacaggtgga aatcacggat gcagggtggt gccacggcca aggcctgcag      420

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<210> 1100
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1100
gacttcgcgt cgccgtgagc gtgaggtgtg ggtgttcgtt tctcaagtaa aacatggcta 60
aaagcttacg gagtaagtgg aaaagaaaga tgcgtgctga aaagagaaaa aagaatgcc 120
caaggaggcg cagcaggctt aaaagtatto tcaactaga cgttgatgtt ttaatgaaag 180
atgttcaaga gatagcaact gtggtgtgtc ccaaacccaa acattgccaa gagaaaatgc 240
aatgtgaggt aaaagatgaa aaagatgaca tgaagtggga gactgatatt aagagaaaca 300
aaaagactct tctagaccag catggacagt acccaatatg gatgaaccan aggcacaaaga 360
aaaagcttga ggcaaacgca gat 383

<210> 1101
<211> 409
<212> DNA
<213> Homo sapiens

<400> 1101
ggcacgagcg cgccgcacgc ttgtcctgtt gaccgaccag gaggctcctcg gggagctggt 60
gcgggcggaag ctgccgcgtg tgggggccct gatggagcgt ctccgtgtgc tgtggacgct 120
gctgtgtgcc ccgtggttca tctgcctgtt tgtggacatc ttgcccggtg agacagtgc 180
tcggatctcg gactggttgt ttaacgaagg ctggaagatt atcttcgggg tggccctgac 240
cttaattaa gacgaccagg agttgatatt ggaagccacc agcgttcctcg acatttgcca 300
taagtttaa gacataacca aaggaggttt cgtgatggag tgtcacacgg ttatgcagaa 360
aatattttc agaactcggg aggcctatcc ctggggcacc cgtgcacca 409

<210> 1102
<211> 396
<212> DNA
<213> Homo sapiens

<400> 1102
cgttgcctgc gtaaaaaatta gtgatagagg tagagattta catatatata aatctcatto 60
attacttact atagaacaca gtaattttta tatgttcctt tgaacacat gaagaaaagc 120
agagttttca catatatgta gtagaaaaag ggaagcgctt ataataacag ttatgggatt 180
tttttgttac tatatcaaac tcccccacata ttccggaagt aagtgcgaat gtagaatcgt 240
aaagcctatg actaaacttc catactcaag tgttaaaaagc tattggttta gcatgcactt 300
taagatgata tttaccocat aagtgatttt tgacatcata tattggtcat ttgaaaaata 360
ctgcttcact gtattatgta attaatgtca taaatg 396

<210> 1103
<211> 395
<212> DNA
<213> Homo sapiens

<400> 1103
cgttgcctgc gacctagttg gtgcctcaca gggctcctgc tgcctggtgt cttgctgatc 60
atcacctcgg tcaactcatg ctgattagaa tgacatctct ttctgtctct attttgttac 120
ccaactcttc ctatttttgt taccacacac tgtgctctct gccgcctcct ggctccagcg 180
taatttttct ggaatgaatt gagaaggtgg cgtgctggcc tgagctgatg gaccacttgg 240

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tgttttgcgt	tttgcccac	gtttgctgcc	tctatctggt	ctgccttgcc	cgtttgctgc	300
ttcctattca	gtgtctttt	tattttttcc	tctctggttc	atgccttctg	ttttgctctt	360
gtccctggag	catatctgcc	taattaagat	gttgg			395

<210> 1104
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1104						
cggttgcgtc	gggaaagtaa	ccaagaaacc	tctaggaatt	agtgaaaaaa	gaactttttt	60
gaggtgtggt	actatactgc	tgtaaagttat	ttattatata	aagtattgta	aatagaatag	120
tggtgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	tagtcaactat	180
taaatggggg	ttacctatat	cagtacaatt	tgtagtgttt	tccaggtttg	gctaataatc	240
attccttaac	ctagaattca	gatgatcctg	gaattaaagg	aggtcagagg	actgtaattga	300
tagaataaaa	ttagtgtcac	taaaaactgt	cccaaagtcg	tgcttctctaa	taggaattca	360
ttaacctaaa	acaagatggt	actattatat	cgatag			396

<210> 1105
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1105						
tacttcacaa	atagagatgt	atctactcgg	atcgggggaa	ctgtaggaga	gaatatgtga	60
aagccaacttc	ctacgcccac	tacgaatgag	tgtctcttaa	acatctgcca	ggcccaggca	120
gctctccatg	caagtgcgaag	ttcacaaaga	agttttctac	tctgttccta	ttccgccttc	180
ctttgatcct	actctgggaag	agttagaaac	tggcaaaact	gggttgcaag	cataaaaatt	240
agggtgtcca	tctccttccc	cactgtggac	ttctagccta	cagaagttcc	tagctgaatg	300
aaagaccttag	atttttgtact	atctcatggt	tgggatattgg	attgagacca	cacctagaaa	360
gagaatcatg	agcctagagc					380

<210> 1106
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 1106						
acttgagccc	aggaggttga	ggctgcagtg	agctgtgatt	attgacactgc	actccagcct	60
gggcaacaga	gcaagaccct	gtctcctcct	tcccgcgtcc	ctccaaaaaa	aaaaaaaaaa	120
aaaaaaaaaa	aggggggggg	ttttttcggg	gaaccccacg	gggaaaaaac	ctttgggggg	180
gtggggggcc	ccccccctta	aagggggggg	aaaaaaggtt	ttttttggga	aaattggggg	240
cgcttttccc	ttttttggcc	ctttaaaggg	gggaaaaaac	gagtaacag		289

<210> 1107
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1107						
cgttgctgtc	gaggaaactcg	gcgcgccgga	gttgtggcct	catcgtgctt	cccgcacaaa	60
acgccttggt	actgtcggga	cgcgcgctaag	cgtggagcgc	ccgcacatctg	ccccctctcc	120
gcagtggtgg	aagacacccc	cggagcgccg	gtggataaagg	gcgctttcct	gagaccagag	180
ctgtatccgc	agcagcctac	ccgtatatata	caagaaatct	caagtcaaac	actggaaaag	240
atgtcagaaa	attcagaaaa	ggaagactat	tcagacagaaa	caatcagta	tgaagatgaa	300
toggatgagg	atatgttcat	gaaatttgta	agtgaagatc	ttcatcgggt	tgcactttta	360
acagctgact	cttttgggga	tccttatctc	ccc			393

<210> 1108
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1108
 cggtgtgtgtc gataattctga aagatgtcag tggagtgcca gctcttgaaa gtgctgttca 60
 acatgaaacc ttaactata taggtctgct ggactgtgtg gctgagtatc agggcaagct 120
 ctgtgtgatt gatttgaaga catcagagaa accaaagcct ttatttcaaa gtacatttga 180
 caaccactg caagttgtgg catcatggg tgccatgaac catgatacca actacagctt 240
 tcaggttcaa tgtggcttaa ttgtgggtgg ctacaaagat ggatcacctg cccaccaca 300
 tttcatggat gcagagctct gttcccagta ctggaccaag tggctttctt gactagaaga 360
 atatacgaa aagaaaaaga accagaatat tcagaaa 397

<210> 1109
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1109
 cggtgtgtgtc gaaaaaggag agctcttctt caagataaag aagtggtagt tatgggtgga 60
 acccccggtt atcagtcagg atgggtgcca cccctcctgc ttaggatagg aagcagccat 120
 ggagtgagg ggagggcgaa taagacccc ctccacagag ctggcatca tgggaagctg 180
 gttctacctt ttctggcttc ctttgtttaa aggcctggct gggagccttc cttttgggtg 240
 tctttctctt ctccaaccaa cagaaaaagac tgctcttcaa aggtggagg tcttcatgaa 300
 acacagctgc caggagccca ggcacagggc tgggggcctg gaaaaaggag ggcacacagg 360
 aggaggagg agctggtagg gagatgctgg ctt 393

<210> 1110
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 1110
 cctcgggcta ccaggtttta gcagcaactt acaaccaggc tgcccagctc tggaaagggtg 60
 gggaggcaca gtccaaggag acactgtctg gacacaagga taagggtgaca gctgccaaat 120
 tcaagctaac gaggcaccag gcagtgactg ggagcgcga ccggacagtg aaggagtggtg 180
 acctcgcccg tgcctattgc tccaggacca tcaatgtcct ttcctactgt aatgacgtgg 240
 tgtgtgggga ccatatcatc attagtggcc acaatgacca gaagatcggg ttctgggaca 300
 gcagggggcc ccaactgcacc caggtcatcc ctgtgcaggc cgggtcacc tccctgagcc 360
 tcagccacga ccaactgcac ctgtcagct gtccccgaga can 403

<210> 1111
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1111
 gggagtcgga gggggcagct agccgagatg acgaggcacc actccagcct ggcgacagag 60
 tgagattttg tcttaaaaaa agaaagaaag aaaatgaaa catttcatct ggaatatcca 120
 aaattaggtt taatatattt taaatctcat tagacttttt gatagattgc tgtaaatatt 180

atgtgaaagt	tatgcttgct	ttcaatttca	gtgggtgttag	atatctataat	acaagcctgg	240
ctatcttttg	tttttttttt	tttttaaaaa	aaacttttgg	cttcaaccgc	gcggaggggg	300
gggggggaaca	atttgggttaa	aaggaacatt	ggcctccaaa	acccccccct	ttccccggcg	360

<210> 1112

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1112

cgctgctgtc	gttaagtttc	atgggttaagc	tgtttttcagc	aggcccccagc	gtatcaagaa	60
caaaagggac	ggctcctccag	taaagatggc	catcaaggca	gcaaatctaa	tgatcccgga	120
gaagaagcat	aaaaagagtt	tattttttgtg	taaaaggtcac	ccacgcataa	ttcttctctgt	180
gccccatagct	tggcaagccc	ctttactgga	accctgggtcc	tgatatatgt	ttaccaggcg	240
gacgtctgtg	cgctgctttat	tcctctcttt	ttctttatat	agccccccacc	cccattccccct	300
gccttttttt	tttttttttg	aaaaaaacac	cacctttttt	tgaaaaacaa	aacaacattt	360
ttggggctttt	ccccccccct	tg				382

<210> 1113

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 1113

ggcggtctgc	gcggcgagcg	ggatgaggcg	ctgcagctctc	tgcgctttcg	acgcgcggcg	60
ggggcccgag	cgctgatgct	gtgtgggcct	cgcgctgctc	ttgggtgggc	acgtgaacct	120
gctgtcgggg	gcgctgctgc	atggccaccgt	ctgcgcggcac	gtggcccaate	cccgcgggcg	180
tgctacggcg	gagtaacacg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	240
ttccgtggga	ctgtgtggcc	tcctggcgctc	caggaacctt	cttcgcccctc	cactgcactg	300
ggctcctgctg	gcactagctc	tggtgaacct	gctcttgctc	gntgcctggc	tcctggggct	360

<210> 1114

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1114

ttatttgggt	cttgtgggaa	gaataattat	tgctatttgg	tttgttagta	ttccaaagaa	60
aagttattat	tttttaata	cgcacctaga	tcctctgtctc	tcctctacaca	cacacacaca	120
cacacacaca	cacacacatt	tacatataga	tataaatctg	gaatgtatct	ttttatcat	180
acatttgaaa	tataaatcaa	tatctctgta	tataatccatt	tatacttata	tatatggtca	240
tattgtgatt	attttatagat	tttaagaaaac	tactttgtta	aatagattgg	caagattctt	300
tgagtacgat	gaaacttcaa	attgcctata	aagtaag			337

<210> 1115

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1115

ataagattgg	atgactgctt	gaaagttata	tgaaactgtg	taattcagct	tcgagaaatt	60
aagtccctgt	cttcatgttt	atacctcacg	tgattactca	tttcaagcat	actgtctctt	120

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tccgagagta atgatgaaaa cattgaagaa accatcgatc caattaccca tactgatccc 180
agaagtataa agaaaatggt aatattcttg tatgtcttct ttctcatatt gggatagctt 240
gatataaaag ggggaagtctg tatgatttta ctgtgctctc agaataggga attttgtttt 300
gttttaatgg cagctggcgtg tggaaaagag                                     329

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<210> 1116
<211> 330
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

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<400> 1116
ggcaagatgc ttctacagt agacagttcc ataagagggc agacagttda gggtatttta 60
ccaaaagcca gtctctccag ctattggggg ataagtcaca attcttgaag acaggggtggc 120
atatcactag tacagtaata tagataaaaag ttttttaagt atagtttagc aaacgtgaag 180
tttttaattt atttaaatTT tatTTattaa attgcctgtg aatgtgacac ttcttcatg 240
catgttttat caggtaaagt cttctttctc ccttgaaaat tgtaattctg cagagagggga 300
gctactgtaa atttaagctt ttgttttgn                                     330

```

```

<210> 1117
<211> 322
<212> DNA
<213> Homo sapiens

```

```

<400> 1117
aaatgatacc ttttaaaaaag cctcttctta aagacttctt ttaagtaaaa tgatgatcac 60
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa 120
attactccag tcaaaaagat gtactcaatt aattctttat taaggcggtt gtaaaatcta 180
agtgattgtt ccagagaagt taggcagtgc caggaaaata tttatcactt agcttagtaa 240
ttatttactt agaaaaagtt caaaaaaggg cgggcgcagt ggctcacacc tgtaatccca 300
gcactttggg agaccaaggt gg                                     322

```

```

<210> 1118
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<400> 1118
aaatgatacc ttttaaaaaag cctcttctta aagacttctt ttaagtaaaa tgatgatcac 60
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa 120
attactccag tcaaaaagat gtactcaatt aattctttat taaggcggtt gtaaaatcta 180
agtgattgtt ccagagaagt taggcagtgc caggaaaata tttatcactt agcttagtaa 240
ttatttactt agaaaaagtt caaaaaaggg cgggcgcagt ggctcacacc tgtaatccca 300
gcactttggg agaccaaggt gggc                                     324

```

```

<210> 1119
<211> 318
<212> DNA
<213> Homo sapiens

```

```

<400> 1119
gtgacaataa tgtatttttt aacattaacc attttttagat tctttgaata aactcaattt 60
ggcaaaaggt cgggtgggtt ttttttttta aaatagggct tgttaaactt actttttggg 120

```

```

gaattttgca tttataaccg ggccttcac atttttaact ggaaaaattct attctaagtt 180
ataaaactta aggcaagtta ctcaataaat acattaatac ttgccacga atctttaaaa 240
gaatccagaa aaaaggaaac tccctttttt ctccaatact acctatccctc tgcccccaacc 300
ttttctattc attctttt

```

<210> 1120

<211> 187

<212> DNA

<213> Homo sapiens

<400> 1120

```

acacttttaa atatgtaagt cttccaatct tgctttgtgt atctcattta atttgttata 60
aggtagtact gatttttagca tattaatgag acttcttctt tgttgtttgc tttggctctgt 120
ggctatccag agagcttaaa ttgtcattat ttgggaaga aaacctgtat ttttgttagt 180
ttacaat

```

<210> 1121

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1121

```

aactagatgg agtcctggga ctactctgga ttgagaacac atgacaaact aatagggttta 60
ctgggcaggc ggctaagctg atctactctg tgggtcaatt agctccactt tccggaggct 120
agcattttcc caactctgcc ccatgctctt gtgggtacat ttacctattt tggggcctta 180
gcgctttaca aatgaacgtt tcagttttaag agacattgct gcataactta tattaagtgg 240
tatgaattca aaagcaagct ctgccactac acatcagaat ccagcactga aggaggtgtg 300
gaagtcataa agatgggaca

```

<210> 1122

<211> 174

<212> DNA

<213> Homo sapiens

<400> 1122

```

gtagatacta tgtgttgaag tctatagcta agcaacttaa gccaaaaagg tctttcaact 60
gaagctttta tcaacttatt ttggagatgt tctcttctct ttactcatgc gtgattccta 120
aaataataag atacatggga ttaaatagcc ctgggctttt aacacaaatc aggt 174

```

<210> 1123

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 1123

```

anaaaacaaa gccacatcct gttttttata ctgtcttttt gtggcttget catggcctga 60
attttctagc tgtcaacaaa gggagggggc cttttgggct ggaggagaca agaagccttc 120
agggaaaaag agggcttttg atacattttc tttctttctt tctttctttt cctctctt 177

```

<210> 1124

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1124

acaggttaaga	aaatattaca	gaatgtagaa	caaagaaaca	aacagaaaac	aaattagtga	60
aaaaaaatta	cacacacata	cacacacgca	cacacttacc	tatctctcta	tatatattca	120
gttcagttact	tgcaatatag	gcatactaga	gagaaacaat	ggacaaaagta	gaagggaaaaa	180
tgcatacagga	actaataaag	gagatgttcc	cagactaaat	gcagtcataa	gtctgcagtt	240
ggagtttgct	tactaaagtgt	ccagcacatt	aaataataaa	aggctcacaa	cctaacaaga	300
tttttgagaa	atttgaacat	ccaaatgaaa	aaaaatagaa	aatcctaagt	ctttcagaga	360
caataagtaa	ctacaaagga	agaanaatat	ga			392

<210> 1125

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1125

cgttgctgtc	ggtgaaagag	aaatgttttt	cttggtgcatt	tgattacatt	ttataaattt	60
gcttagctgg	aaagtgttgg	aaaagaggcc	tggttgtcaa	ttgtacaacc	gattgtgaag	120
ctctagtgtg	aatattttta	cgtctgtatt	agacattttc	tttgcaaatc	tattgttcga	180
ttgaaatgta	aatgaaatga	aaagtgtgtg	acaccatcca	tgtaaaaagc	aggcaccatc	240
tctaagatgg	atttaagtct	catttttaag	gcataatact	agcttctatt	taaaactata	300
atttaaaata	attctgtaca	atgaaatggg	gaatataat	gggaataaat	tctattccat	360
ttattttcaat	ttgaatttcc	aaattgtaat	gtttcccttt	gtgctatagg	aatag	415

<210> 1126

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1126

agaggaggag	aatcggggagc	agaagaagga	ggaagagatg	aagagaacaa	caaaagaatg	60
aggaaaagag	aagaggacga	caggaggagg	agaggatgag	aaaaagagga	aggaggagaaa	120
ggaagagaag	aggaggaggg	agaaggagga	gtacaggaga	tggacaagga	ggaggaggagg	180
accaggaaaga	ggagaagacg	acgagaaaag	agaggaggag	aatcggcagc	agaagaagga	240
ggacgagatg	aagaggtgaa	tgagaggagg	aggaaacggag	aacataacga	ggaggataaac	300
aggagttggac	atgactgcac	gctgcattca	ctcgagacac	ccgcccttta	tttcaggagc	360
aaecctgtgc	ctatgtgata	ccgcc				386

<210> 1127

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 1127

aggcagctga	tacactaggc	atagagtgtt	tgcagcacag	agaaaagtgc	agcagcacct	60
cactcgatcc	tgctggcatt	ggcttcacgc	tgcttcttaa	ctttgggtga	aacggcagct	120

gccaaccagt	cacactggct	ttttgtgaga	ccactaccat	tcccagata	cttctgatta	180
gccatgcact	ctgcccatagc	ctcaggaggt	tggaaactt	agtacctgga	agaagaggtt	240
ttaccaaaag	aacagcttct	tcctttatga	tctggccagt	tgctcagtgga	ggaaggtgtt	300
tgctccctca	ggtggctgaa	aggtaactac	ataattgata	agagtattag	gaataactat	360
agtcttgccc	ttcaaaactga	tcttgaacca	actgtgtaca	tactttgggg	cactaaggaa	420
aan						423

<210> 1128

<211> 413

<212> DNA

<213> Homo sapiens

<400> 1128

cccatcgatt	cgaattccgt	tgctgtcggg	ggaagactcg	gagtgcgatg	gcggcgcaaa	60
ttccaattgt	ggccaccact	tccactcccg	gaatagtcgg	gaacagcaag	aagagcgccg	120
ccagcccttc	ccacaatggc	agcagcgccg	ggggctatgg	cgccagtaag	aagaaaaaag	180
cgctccgttc	cagcttttgc	cagggtatca	gcattggaagc	catgagtgag	aataaaaatg	240
tgccctctga	gtttagcaca	ggacctgtgg	aaaaagctgc	caaacctttg	ccatttaagg	300
atcccaactt	tgtgcactct	ggccacgggt	gcgcagtagc	tggaagaag	aacagaacct	360
ggaagaacct	gaacaaaatc	ctcgcttctg	aaagggcatt	ggcgctggca	acc	413

<210> 1129

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1129

aaccccactg	taggagcact	cttgaagaaa	atctgcctta	ccatctttaa	caagagttta	60
aaaatacttt	ttctctttaa	agttacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	tagttttctt	taaagaaaaa	aataataaaa	180
gacccagcca	aaatctatct	tattcatcaa	gaatctcttc	ctattgaggt	gcttcattcc	240
attaagctta	aatcagctgc	gaactgaaaga	acctcagata	cttaagggtg	gttcattatg	300
ttctatagat	attctactta	tttataatga	ggc			333

<210> 1130

<211> 418

<212> DNA

<213> Homo sapiens

<400> 1130

cggtgctgtc	ggtgactctc	tcttcttagag	aagagggttt	caataacagg	gcttggaaat	60
gaacgtagaa	ggggaaatag	atcttttccag	atgctgcttt	ccatgttaat	acaagcggtt	120
ctacagggtta	ccagaggtgt	gaaatatgtg	acacttaaga	acagtgattt	ttattgggaa	180
ttttcttagg	gttattacac	ttaaagcaac	aaccaactag	taacagctcc	aggaaaagggt	240
aatgaatcaa	ctcttgggtc	tttctggaag	acggcagtg	tggtgataag	tgagttttta	300
atgcctctgc	agtggtctaca	tttgacactt	tagaaaaaat	aaacataatt	aatatttttt	360
gtttctctct	aggataaaga	ctgtagaact	gtttttgact	gtgaattacg	gatgctct	418

<210> 1131

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1131

caaatgggtc	ttatttagga	aacacacaca	ttattacctt	agaaaaatatt	tcattatatt	60
tgcaagctac	ataaaaatagt	tcttgatgtg	gtataattta	ttttatccta	tcattctaga	120
aaggatttta	attgggtctt	atttttaaatg	tatgtctatg	taatttccct	acttataaaa	180

taaacttggt	tattatagga	tagtattaac	tgaacaaaag	gctgtataat	tttctgtaca	240
catatgaata	ttttctaact	cattttcatt	catctcaact	ttagaatgto	tcatttttct	300
tgactaaaaa	actctocagag	ccaacagtta	tgccctccaa	aggaagcaat	gcagggtgata	360
ataagtgaag	aaatgctgat	acagaccct				389

<210> 1132

<211> 422

<212> DNA

<213> Homo sapiens

<400> 1132

cgttgctgto	gggcaactaa	acotgtctct	ttgaattact	tcttoactgc	gctttctgag	60
gaaatgctga	ttggttactg	ctaaagatto	cactaacaat	tcaaatggg	gatctttgtt	120
cccatggcat	gaaaatgcc	atgcccgc	gcaaaaatgc	tgaaggctgc	aaagacagat	180
tgttttgtgg	aaagtaaaga	gctctggtct	ggaagaaact	gtttccctaa	agcgtgttgc	240
ggtgtgattt	gtgtgggggg	ctgaaagcta	ctgcatgaat	cataacggct	cattgaaagt	300
tatggacctt	ggtttaaatc	cagggaccgc	gtccccaac	acactcttga	aatgctgttg	360
aaaactgttt	tataaagcta	agaattgcac	ttcttgaggt	ataaaaacca	aacggaagtt	420
gg						422

<210> 1133

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1133

ggcagcaggc	tcgagccgct	ggccccaaaa	tgctgctcgg	gcgagcaggg	gtcaggcggg	60
aaaagaagac	tccaaatcca	ttctctgctc	gccccaggg	caatgctgcc	aggagaggag	120
gtgggttccc	ccgcaggcta	tcccaccgat	ggggctgaga	gcttaatttg	gggttttatt	180
tgaattggag	acattgtttc	ctctctgctc	ctctacccca	taaaattccc	tacaatgca	240
aaaattcgag	atagaagaag	cogtccctga	aagttaagttc	tgaaggattc	ctttcatgctg	300
gtgaaggaaac	aacaacaata	ttcaacttca	ccttggtgtg	tgagggtcgt	cgtgttttaa	360
aacactatcc	ctgtagaaga	attagtgaaa	tgtattggaa	gaagtagtgg	aaacg	415

<210> 1134

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1134

ttgtctgtgg	gaatttcaac	agaaggtaat	acacaggcaa	actacacttg	aaggcaacat	60
ttctctctgg	ctttctcttt	ctacacagag	agatattcta	actgattttg	aagggtgctt	120
ctcagtttgc	cggaatgaga	tattttcaga	tgaaagccta	tgactctgtg	tcactttccc	180
ccctattttt	gaatctcatg	tcttagttct	gcaggcactg	ttatttttaa	ttatttattat	240
tatgctctgt	gccaaagctat	tccaactttac	acagagttga	ttagagacct	gacaaaatcca	300
ggccaacata	aagtctctgc	ttccagatca	gactacgtga	acaaagaaaa	aaaagaaatc	360
taccaaagtg	ccagctttta	gaagctctt	a			391

<210> 1135

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1135

ttgctctggg	gctttccatt	ttaaaactga	cctttctggc	tctgggtttt	tccattttaa	60
acctgacctt	cttggttcca	ggtgaaggca	gagacagata	aaataggatt	attgtatgtc	120
agtatgtttt	caactatttt	tcttgaaact	tggaaaagta	ttagaccatg	tgggatacca	180

```

cgcgacgacggg aacggggggat aaatgtgtgt tcatatatac tctccacaa atatacatgt 240
ctcaggctgtg gcgcagtggc tcacgcctgt aattccagca ctttggggagg ccaaggccgg 300
cagatcactt gagggtcagga gtttgtgacc agcctggcca acatggtgaa accctatctt 360
tactaaaaat acaaaaaatga gccggggcgtg g 391

```

```

<210> 1136
<211> 432
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

```

```

<400> 1136
ttcttttgcg gatccctcga ttcaattccg tctgtcgcct ttctattcct gattctttgt 60
atgtgacttg tttttctcct cctttgcctt tctctttgga ggctctgagg attttctttt 120
tgtccctggg gttctataat ttcacagtgga tgttgtgggg tggaaatctt tctcattttt 180
tgagctgtgt ctttgcctat cttttttcca tttgggtaac aatctatatg ttttgtttgg 240
agatcaaaac aatcacagta cctgcactgt ttatctcttg ggccaattgg ttttcttaga 300
gaagaacctc ataactgtct caggaggtta gtttaagacc agcatcattg tgggagccca 360
gtggtggaag caggaatgat gtccacacca tttggtgtac aggttctcac ataagcctc 420
gtttctcagt cn 432

```

```

<210> 1137
<211> 387
<212> DNA
<213> Homo sapiens

```

```

<400> 1137
gtgatcaaaa gaaatcccca gtaattctga aggccgcgta aacagcgaa gaaaggagag 60
agggaataat atcccgcccg cctggaagcg agaggcgacc acagacacac tgttccggaa 120
accgcaggat gtaactgggg agtctctggg agtgactaga accggaaaagg gggcagacgc 180
tttgagggag gcaggcgggg gaacaaacgg gttgcagcca gcaggctggg ccgaggttcc 240
gggggacatt tgtctctggg gttgaagcaa gctgctcct ggccgcttac ctatgattcc 300
gtgaactctc acatggcatc gtccaggaac aagcgcagcc attcagtcac agcgcccgcc 360
tggagaggca acaagcaggt gcagctg 387

```

```

<210> 1138
<211> 421
<212> DNA
<213> Homo sapiens

```

```

<400> 1138
cgttgctgtc gcagagacag ctccgtccct agtgagcgc aggggaggca gaagtcattga 60
caggcgaggt ggggttctgag gttcacctag aaatcaatga ccaaaacgtc atttcacaag 120
agggaagcaga tagtcttcca gatagtgga agggcagcta tgaaacaatt ggacccttga 180
gtgaaggaga ttcagatgaa gagatatttg taagtaagaa gttgaaaaac aggaaggttc 240
tacaagacag tgattccgaa acagaggaca caaatgcctc tccagagaaa actaccctatg 300
acagtgcgca ggaggaaaat aaagagaatt tatatgtggt gaaaaataca aaatcaaaa 360
ggatttacaa aactgtggca gacagtgatg aaagtacat ggaaaagtct ttgtatcacg 420
a 421

```

```

<210> 1139
<211> 422
<212> DNA

```

<213> Homo sapiens

<400> 1139

cggtgctgtc	gggagacggc	gggagccgct	gctctccggc	tgaggggaatc	agagacagct	60
ccgtccctag	tggagcgcag	gggagggcaga	agtcacagaca	ggcgagggtgg	gtctctgaggt	120
tcacctagaa	atcaatgacc	caaacgtcat	ttcacaaagag	gaagcagata	gtccttcaga	180
tagtggacag	ggcagctatg	aaacaatttg	acccttgagt	gaaggagatt	cagatgaaga	240
gatatttgta	agtaagaagt	tgaaaaacag	gaaggttcta	caagacagtg	attccgaaac	300
agaggacaca	aatgcctctc	cagagaaaaa	tacctatgac	agtgccgagg	agggaaaataa	360
agagaattta	tatgctggga	aaaatacaaa	aatcaaaaag	atttcaaaaa	ctgtggcgaga	420
ca						422

<210> 1140

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1140

cgttggtggc	ggctgcgccc	ggtttgcccc	ttctttgtat	gagagtttca	tccgccctga	60
aatgggtggc	agcgttaata	actcctcagg	tcctgtcgct	cacagggttt	tttcttaatt	120
tggttcctaa	gagtaaccca	aatgtgacat	ccctttcacca	atatagatta	cttcatacca	180
cattgtcagg	gaaaggacta	gaagaatttt	ttgatgaccc	aaaaaactgg	gggcaagaaa	240
aagtaaaatc	tgagcgcagc	tggacctgtc	agcaactaag	gaacaaaagt	aatgaagatt	300
tacacaaact	ttgggtatgc	ttactgaaag	aaagaaacat	gcttctaacc	ctagagcagg	360
aggccaacgc	gcagagattg	ccaatgccaa	gtccagagcg	gttagataag	gtagtagag	419

<210> 1141

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1141

cggtgctgtc	ggccgggttg	gcccttcttt	gtaggagagt	ttcatccggc	ctgaaactct	60
cccgagcggg	gtaactcctc	aggtccctgc	ctgcacaggg	tttttttctt	agtttgttgc	120
ctaagagtag	accaaattgt	acatcctttc	accaatatag	attaactcat	accaacttgt	180
caagggaagg	actagaagaa	ttttttgatg	accctaaaaa	ctgggggcaa	gaaaaagtaa	240
aatctggagc	agcatggacc	tgtcagcaac	taaggaaaca	aagtaaatgaa	gattttacaca	300
aaatttggtg	tgtcttactg	aaagaaagaa	acatgcttct	aacctatag	caggaggcca	360
agcggcagag	attgccaatg	ccaagtccag	agcgggttaga	taaggtagta	gatttcca	417

<210> 1142

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (429)

<223> n = A,T,C or G

<400> 1142

atatccctca	ttcgaagggtg	gnnggggtnc	anaacaaccc	ctttcatggt	ggaaagggaag	60
ctcatcaaac	gagctctggg	aaagggggca	ttattccacg	agagaaacga	cagcatcgta	120
aacgtgataa	gggtgctgact	gattctgggt	cattggatgc	aactatocct	gggatacaaaa	180
ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttctctgt	ggttccaaga	240
aaaataaagg	tgtattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	ggaaaaggag	300
attctacact	tcagggttttc	tcaggattga	atgaaaacct	cactgtcaat	ggaggaggct	360

ggaatgaaaa gtctgtaaaa ctctcctcac agatcatgctc aggtgaggag aagtggaaact 420
ccgtttcan 429

<210> 1143
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (435)
<223> n = A,T,C or G

<400> 1143
tcgattcgaa ttccgtgtgtc gtcggcagct gcctgaggac ccagggaag gcagcagctc 60
cgtggagttt gacatggtca agctggtgga ctccatgggc tgggagctgg cctctgtgctg 120
gcgggctctc tgccagctgc agtgggacca cgagccagg acaggtgtgc ggcgtgggac 180
agggggtgctt gtggagtcca gtgagctggc cttccacctt cgcagcccg gggacctgac 240
cgctgaggag aaggaccaga tatgtgaact cctctatggc cgtgtgcagg cccgggagcg 300
ccaggccctg gccgtgtgc gcagaacctt ccaggccttt cacagcgtag ccttccccg 360
ctggggggcc tgccctggagc ancaggatga ggagcgcagc accagggtca aggacctgct 420
cgggcggtag tttgg 435

<210> 1144
<211> 425
<212> DNA
<213> Homo sapiens

<400> 1144
cgattcgaaat tcggtgtgtc tcggcagctgc aaaacagctc acgccatgat ggaaagggaag 60
ttgatgaagg agcctgggaa actaaaatta gtcacagaga gaaacgacag cagcgttaaac 120
gtgataaagg gctgactgat tctggttcat tggattcaac tatccctggg atagaaaata 180
coatcacagt taccaccgag caacttacaa ccgatcatt tctgtgtgtg tccaagaaga 240
ataaagggtga ttctcatcta aatgttcaag ttagcaactt taaatctgga aaaggagatt 300
ctacactcca ggtttcttca ggattgaatg aaacctcac tgtcaatgga ggaggctgga 360
atgaaaagtc tgtaaaactc tctcacaga tcagtgcagg tgaggagaag tggaactccg 420
tttca 425

<210> 1145
<211> 397
<212> DNA
<213> Homo sapiens

<400> 1145
cgttgctgtc gggtcaggtc actgattgtt tggaaagcct gataaactgc caggccacg 60
aggagctcaa ggacacatcc aatttccatt cgcattccaa atggaatccg agacagaaag 120
aggactctag cctcatatc tgtttttttc ttatgaagct tcttctgggt gaaaacttgt 180
caaatcttcat caggtaagaa gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa 240
aaccgaaagt taagaaatct aaagatgggt tcagccttag acagatctct ggactgtaat 300
ctgggaaagg tcaaataga tctccaatcg tgtacaattc caaatatct tgagagcagt 360
gggtctgaaa atgtggttcc cagaccagca gcatcaa 397

<210> 1146
<211> 391
<212> DNA
<213> Homo sapiens

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<400> 1146
cggtgctgtc gatcatttca tggaaatata ttttcttcac atttggggccc caacagcaca      60
ggtgttgcta tattttttgtg gtgaggaact gagaccagg gaagtcacgg tactttggcc      120
aaagtacccc cgaatgtcaag cgtagagca agaatttgaa cccagagct taactcttaa      180
ccattttgct aactggctgt ctctccaggc ccccatcacc ctttccatca cctcccccgt      240
ccccaggggc atcctatcaa atggcagttc cccctcgtt tgccctcaga ttcccaattt      300
agagctctcat ggatctctc ctgttgaagt catgggatgg atttcccatc tcagaaaactg      360
cacaagaaac aaccttgagg ttttgaacaa g
391

```

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<210> 1147
<211> 396
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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<400> 1147
ggcacgaggg ctgctccagg agcttggatt cagagtgaga aggcataaag gagaatgcc      60
agctgacttg tgcagtgggt aattgaaatt attcaggcaa gagatgatgg tgtcttggac      120
caggggatga ggaaggctac aaaatgtgtc tactctgatt ctgtgaggag aactgttcc      180
ctggttttag atactgtgaa gatggatcag gagagagttt atctagactt ttgggggaaag      240
gtgttgcatg tccttcagct acacaggatt gaaaggagac atttctgaag gggaaaaaagg      300
aatgaaaga aaagatgttt cagattgagg atatgctgtg tggtgaaact gttcttcact      360
ctgttagggg tcacaaatga ctcttcactg ccctcn
396

```

```

<210> 1148
<211> 401
<212> DNA
<213> Homo sapiens

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<400> 1148
ggcacgaggg acattgaagc aacactcagc gttgcctagc gttaaaggca ctgcagagaa      60
atgaggtgca gagggtggcc ctctgagtat ttatttgact caggtagccag tggtagatat      120
atacagtgtg attatgacca ggctggtaaa attggctgct cgcaacaacat cccctttttt      180
cctggcagta tttggaattt atcatttatt aataactata catttttaaa ggcagaagaa      240
gaaaatctat tctatctcta tctatctatc tatctatcta tctatctatc tatctatcta      300
tctatctaaa tgacctgaca gaagaaaact gttaaaaatg gatattattg gaggggattt      360
aaaaacagtg gtgtgaatta tcattctgat ggaagaaaaa t
401

```

```

<210> 1149
<211> 394
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

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<400> 1149
cggtgctgtc ggtataagag cttttcaaga tatttctcga tttctgtaag cactggataa      60
ttaattcaag accctccacc tttctttgta ggaatagatg aggcaataat tttatgacta      120
taactgaatt ttttcacaca agaccttgag atttggtaga aaataggatc tgtttgatct      180
gcttgccctg gcctcccaaa gtgctgggat tacaggcgtg agccaccacg cctggccctt      240

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ttactgttct	ataaaataag	aagaataaaa	ggggattttg	aggtagatgc	atttgaagtt	300
cttagaatga	gacctagcat	gtaggaaaca	ctcattgtta	gttgctctcg	ctattaatag	360
tagtaaatag	gtcaacatga	ctcagttaac	attn			394

<210> 1150
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 1150						
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aactaaccac	ggagggtgat	agttttagaag	agtcagagaa	aacagggtaaa	atatagcaaa	120
tatgtaaaac	aaaagaaaaa	ccactaaaat	gcaaatttct	gcctaagtat	tatatgttat	180
atgctagaga	acacagataa	tcattttgacc	aagtaggaag	gaaaacaaga	aaatgaaaaa	240
agtggaaga	agagaaagtt	tgtaaatgaa	aaaagtttca	aatgctgagt	ttctaaagaa	300
ctgagaaaaa	aaattagaaa	cagtgattac	taaagaggat	aaaatttttt	ataaaccatg	360
acattttgca						370

<210> 1151
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 1151						
agttcttaat	ttttaaattt	gaagtcaggt	tttagcatct	ttaagtttat	tggtctgttt	60
ataaatgtat	tattttccct	gtgaaactcc	tatttgaatc	ttttataccc	ccaccacctg	120
tcctttttcc	ccttgtatct	ttttaaaaaa	ttgattttata	aaagcacttg	tgaggctgag	180
gtgagtggag	cacttgaggt	caggagttct	agaccagcct	ggccaacatg	gtgaaacccc	240
atccctacga	aaaatacaaa	agtttagctgg	gtattgtgga	gtgcgcctgt	aatcccagct	300
acttgtgaga	ctgaagtggag	acaattgctt	gagcccgga	ggcagaggtt	gcaagaagact	360
cttattgcac	tcag					375

<210> 1152
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1152						
tttctattcc	tgtgtggaaa	acaattaagc	ttataatttt	gogttttaca	gaaacagaat	60
cacttaactt	ctgaaaggag	aaattaatcc	taattaaatg	aggctgcttt	tttaaaatcc	120
agatattata	tactggattg	ctttggagaa	aattttgttt	tataccagta	cctaaatagc	180
ttttaagagt	tcaggttaac	ctatgctgag	gaaattaata	gcaaaaagaa	aaggccacaa	240
tcaagacgga	aaggatttaa	gttttattaa	tgattattaa	gtgcatttat	tatagtagaa	300
tcaccaacat	atgctcacga	aaataaaacca	gttctcaata	atacatgata	aagatcacaa	360
aattagaaga	g					371

<210> 1153
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1153

gatatatgta	tttatgtcta	aaaatgggtga	cctttaattt	taattggggg	gttggaaga	60
gacagttgaa	cttaaacaca	cataaattat	tcactttctca	tcctattact	tatcctatcc	120
accttaggtg	aagagtaagc	gtaagtattt	ttttcttana	tgctaagcac	tgagatgaag	180
tcctctgaca	atcacacac	tatttgtcaa	tacagtagta	aacattttgt	tcagatttaa	240
aaaagtcatt	tatttccctt	gcttataaaa	taggagtc	gagttatctg	gctgtact	298

<210> 1154
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1154						
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atgacaacct	aatgctgcgc	ctgatctcac	aggaggcgga	actcaggttg	gtaatgctcg	120
ctggccacc	gttgcacatc	tgttgacacag	tcagtttctc	aacaggccac	ggaccagctg	180
aggaccctg	ctctagagaa	tgcacaaatg	tgagggtggt	catgaaagt	tcaaacaggt	240
gttaaaggca	aagtgatata	aaagaatcat	cactgcagtt	ttaaagagtc	ctataaggaa	300
gaactctcat	cttttctctt	tgatcaaatt	cactttcaga	ccaaagaaac	atgcatatag	360
aatttaagca	gaatactgtg	a				381

<210> 1155
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 1155						
cggtgtctgc	gagcgaatca	cctgagggtca	ggagttcgag	accaacctgg	ccaacatggt	60
gaacctctgt	ctctactaaa	aatacagaaa	ttagccgggc	atgatggtgg	gcactctgtag	120
tcccatctac	ttggggaggct	gaggcaggag	aagagcttga	acccgggaag	cagaggttgc	180
agtgagccaa	gategcgcca	cgccactcca	gctggggcga	caaaagcaga	ctctgtcccc	240
ctccccaaaa	aaaaactggc	atgtttcatt	tattagatgt	ttattttttc	aacttcgctt	300
tttagaagtc	attttagttg	ggtcattcta	agggtgaag	tattgagatt	taatacagag	360
aagtctctga	aaatgttttg	gccattgtat	atta			394

<210> 1156
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1156						
agccctactc	ctgggggtggg	agggggctgt	aaatgggaat	taaagtgttc	aaatgagact	60
aaccgttagg	gtgaagaagg	tgtgagaaag	gaaaccagag	cttggcttac	tgcttaaaagt	120
cagggaagcga	aactagctag	cttccctcat	aaagatagct	ttaagcaaaa	caaaactagc	180
acaatatat	tgttagccac	catggccaat	aactgaatta	ggccagttat	tggttcagtg	240
gatacatctg	tgagatcctt	aatattgctg	aagaacagaa	gcacagaaac	caccagagaa	300
gacttatgta	agaatgggga	tagaggttta	aatcccatgg	gtggcaggca	gcaggcactc	360
acaaacacac	acg					373

<210> 1157
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1157						
gcctcaagca	gtcctcctgc	cttgacctcc	aaaagtgtct	ggattacaag	catcagccac	60
tacacctagc	caaaaatttc	attttagtac	gatccaaggg	tagtttgtat	gatatatcca	120
ttaaagtttg	agatacactt	gtctataaatt	ttcctcaaat	catgaaatga	aactgaccac	180

aaaatttttca	aaaccactga	gaaaattttt	ttcaatgtgt	gatctagaat	agcttacacg	240
gcagtttctaa	ttatttttgt	tgtttacact	attttaaaga	aaagtctggc	cgggcacagt	300
ggctcacgcc	tgtaatccca	gcactttggg	aggctgaggc	gggtggatca	cgaggtcagg	360
agatcgaga						369

<210> 1158
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 1158						
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gaaaaacgcaa	cgcgctccag	gttgaaatcc	tcctcctctg	aaatctatga	gcctccgcc	120
ctctctcaga	gacgttccaa	gcctccactg	gccctctcac	cctctcgttt	aagggcacca	180
cattctggcc	cggcgcggtg	gtcaccct	gtaatccag	cactttggga	ggccg	235

<210> 1159
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1159						
aaaatggaga	caggcacact	agcttcctca	cagtagtagc	tgtaaaattt	acgtgaagta	60
acttatgcta	actcatggca	taataacttg	catatagtat	acaatgacta	attttaacta	120
ctactattat	aaatatcttt	attttatttt	tttgagacag	aatggtgctc	tgctcctctg	180
tcgcccagat	ctgtagtgc	cccatctctt	gctttgagtg	gggcgtccca	agaattatag	240
gaacaggcgt	gatgggcat	tcagccacaa	caatgtcctt	gacaacaaaa	aaaagatcgt	300
gottcaacaa	cagaaatgca	atgtttcttt	tatcactttt	cagtggtgatc	acagtcattg	360
gcgctctgga	ttgcatgg					378

<210> 1160
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 1160						
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tgtaatatatt	ttacgtctgt	attagacatt	ttcttttgcaa	atctattgtt	cgattgaaat	120
gtaaatgaaa	ttaaatgggg	tgtacaccca	tcagttaaaa	agcaggcacc	atctctaaga	180
tggtattta	gctcattttt	aaggcatata	ctcagctctc	atttaaaaat	ataatttaaa	240
ataattctgt	acaatgaaat	ggggaatata	tatgggaata	aattctatc	catttatttc	300
aatttgaatt	tccaaattgt	aatgtttccc	ttgtgctat	aggaatagga	ttaaatgggg	360
gaagactagg	atttataagg	cctgtatatg	gggggagggc	agag		404

<210> 1161
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1161						
cgttgctgtc	ggttgaagat	atgaaatatg	gotattttta	atggtgacaa	ttatgacttt	60
tagtcactat	taaatggggg	ttacctatat	cagtacaatt	tgtagttgtt	tccaggtttg	120
gctaataatc	attccttaac	ctagaattca	gatgatcctg	gaattaaggc	aggtcagagg	180
actgtaatga	tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttctctaa	240
taggaattca	ttaacctaaa	acaagatggt	actattatat	cgatagacta	tgaatgctat	300
ttctagaaaa	agtctagtcg	caaatttgtc	ttattaaaata	aaaacaactg	aggagcagct	360
ttttctctag	tttgatgtca	tttaagaatt	actaacacag	tg		402

<210> 1162
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1162
 cggtgctgtc ggtcttgctg taagagaaga acaactgatt ttcttgattt ctttaagcatt 60
 gtgggtggtt caaatggtag acataatagt gagaagccac ctgagccagt caaacctgaa 120
 gtcaagacta ctgagaagaa ggagctatgt gaattaaac ccaaatttca ggaacacatc 180
 attcaagccc ctaagccagt agaagcaata tgaagaccaa gccagatga accaatgacg 240
 aatttggat taataatc tggctcccta aaacaagcac ttgataaact taaactgtca 300
 tcagggaatg aggaaaaata gaaagaagaa gacaatgatg aaattaagat tgggacctoc 360
 tgtaagaatg gagggtgttc aaagacatac cagggtctag 400

<210> 1163
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1163
 ggcacgagc cgcactctct cctgctgttt gcatttctcc tggactaagc tgctctgttt 60
 aatcacatgg atgttggcac agctgatgca ctgtctcttc attactgtgg attatggaat 120
 ttattggcat tggggagcaa caaggtgaga gcccttgaag atgactcaag aattcagcct 180
 ggcctcctgac taggaggatg gtgattctaa taatgaagag aatggggaaag aagatggagt 240
 ttgtgaaaag agaggaaatt gtgattgttt aaggcatctg agccagcctg gctgtcaagt 300
 atgagaaatg aggacatgat ttctggaaac agcatcccaa agatgcccgt tcaggggaa 360
 cctctactca gcacaaagca ttgagaagg gctggttact tg 402

<210> 1164
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1164
 ggattagagt cagaatggtt ttgtgcttct caacagccaa attagaattt agaaacaata 60
 gagctatagg ccttcaaatt ctaaggagga atgatcgcca acctaacatt tgatacttgt 120
 tcacagaatt aaatggatgt gacacgggaa taaagacatt gatagataca cacattctca 180
 aaacactttc ctctccacat acctcttctt aggaagtgc tggacgatga gttccatgaa 240
 aataaggatg aaacaacgaa agatgaaaag atacggtata ggaaactggg agcaaatgga 300
 attatcataa ccttgaaggg agacccccc aggacatgtg ggggtccata taataagggg 360
 ttgggcctcc gtc 373

<210> 1165
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1165
 ggcacgagga gaacttggtt cataaatgga tatccctact atgactgtga aaacatgtca 60
 agtgtcacat tagtgtcaca gacagaaaag acacacctat gcaatatggc ttatctatat 120
 ttatttgaat aaatcgaagc atagtcttaa atatgatgtc gatattacta gtcttgaggt 180
 ctcaagaggg ttctttatgt tataccaggt aagtgtataa aagagattaa gtgttttttt 240
 tcatcacttt gattattttc tttaaatca gctattacag gatatttttt tattttatac 300
 atgtgctttt ttaattcaaa tataatcact ggaagtgtact aatttgattt tataaggttt 360
 ggagacttat agaataacta aactgggatt tataaag 397

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<210> 1166
<211> 367
<212> DNA
<213> Homo sapiens

<400> 1166
atctcttcca agtatctttc aatcataatt acctattata ttcaagacac tgtgctaagt      60
actgtacaca gcatttccta accagtgctc caggcagggc ttggccagct agagtccctag      120
accactagtc tcagtcctgga ccatttcccg cagtggtgctt caaagattcc gttgtgtgtgc      180
catgatatga aaaaagtacc tgcctctcaa gaacttacaa tccagtaaaa agaataagta      240
cccaaatcac tgtaataaaa ggtagtataa ggccggggcg agtgggtcac acctgttaact      300
cagtaacttt agaggccaag acaggcagat cacctgaggt caggaggtttg aaaaacatcct      360
ggccagc
367

<210> 1167
<211> 409
<212> DNA
<213> Homo sapiens

<400> 1167
cgttgctgtc ggttcatttg cttagtctt agcgcgttaa agaagtgtca taatgtttcta      60
caaagacaca aagcttcagg cttatacaaa actgagtatg attagaata cctgagccca      120
gaaatgattc tgagaaaaga gaataatttg aagacactta ttttaaaagta attatgggta      180
gaaatgaatt aatttaacaa tgtgttcaca tatccctttc tctaacagtt taacctagac      240
aaacatctgt atcagtattt ttttattccc ctgattgatt acatttgggt tctttattct      300
gagaggagaa taacaaaaac ttcagaaatt cctaagggtg taataagaaa gtggggttttg      360
agtcttcctt cctggaatta ttttacagtt ctttgggtgg tctgtcag
409

<210> 1168
<211> 405
<212> DNA
<213> Homo sapiens

<400> 1168
cgttgctgtc gatggattta aacattatag ctggagtggt gctggaaatc tttgtaaaagg      60
aagttctttc agtaaatgac cctgcttggt ctttgtctct ttttgttta acaaggtaac      120
tttttgttta acaaggtaac ttttgttta acctagattt ttttataaac tttttttttt      180
tttcttatgg aaaaagtatt tctttttcag taaaggaaac ctgcccaaac caaaacccaaa      240
atttaaaatt taaaaatatt ctctatccct actacctaaa aaaaaacctt ttaataattt      300
gggocggttc cctgcccaagg ggttttttgg gaatacagga gaatttgggt ggttttttaaa      360
caaaacaagg ggaacattct gaacatactg gcttatagta gggcg
405

<210> 1169
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 1169
cacattccgt tgctgtccaa aagttgtaca aaaagtgtat tcatatttgg tttataagca      60
tttatatgtg ggggttattt ggtcttttgc tttttccatc ttaaatatca tcatggctaa      120
aacctaagggt tatttatagt ttaattccat ttcagtttta tagagggcag taattattct      180
gatgaatgtt gaattaagaa atggatattt tctttctctg ttgtgcagnt attggtagat      240

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caatttctta	taaccacaaa	tgtagcatca	ataattgata	gcatgtat	tatttaatta	300
cttgaattat	ttagacttga	tttctcta	ttttccata	aaaggactga	acagcaccta	360
cttggtgt	ggacagctta	acccaaagtt	cctggaagaa	taan		404

<210> 1170
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1170						
cgttgctgtc	gtgaagactg	gatatcaaat	atctgttttt	agcatcctat	agtctgcaca	60
tggtaaatat	aacttgtgtg	cttagctctt	cagaccacag	ccctaatttt	cattttcttg	120
tctttatcat	attagaacta	ctaagcagat	ttccaaaac	aatccatgag	atgaagttag	180
agggatagaa	ggaggacaat	ctgaaaaata	tgaagtgtat	aaaaaacatt	gttctagcta	240
gttgctcaca	ttcaaaaaaa	atgttataac	ccaattagaa	acaaaagtca	tagaaaatgt	300
gagcatattg	tgttctctaa	ataaccagat	gttcttctct	tcctgaaggc	agtaagggtc	360
aggaaaaaag	gtttaaaact	attgttttaa	gttaacggtg	ag		402

<210> 1171
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1171						
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gtaggttaaa	aggtaggcct	ctaattgaac	cacctctcta	agttatgtac	gtatatataa	120
gctgaaattg	gttttgacat	cttgagggtt	ttctttttct	ttttcttttt	tttttttttg	180
ggggggggcc	ggggggaaaa	actttttttt	taaccccggg	ctgaataccc	acgctaataa	240
tcaaatataa	atgagccctc	gcctttttgaa	ataaaggaga	ttcccccggc	aaaacttttg	300
gagaacttga	aaaaaaaagg	ccccccacc	accccttat	attttgtttt	taagaagag	360
ggaagtttcc	cctttgaggg	ccaggccggt	cttaaccg			398

<210> 1172
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1172						
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actgtacagc	cacttgggag	tatcgtgcgt	agcttgacgc	aactgtgcac	tgcatattata	120
ctgggtattg	catatctctt	tcctcgggaag	cgaagaagaa	atgtttttct	tgttgcattg	180
attcatattt	ataaatttgc	ttaactggaa	agtttgggaa	aagaagcccg	tttgtcaatt	240
gtacaaccca	ttgtggaagt	ctagtgtgaa	tatttttacc	ctgtatataa	acattttctt	300
tgcaaatcta	ttgttcgatt	gaaatgtaaa	tgaattataa	gatggtgtac	acctcatcatg	360
taaaaagcag	gcaccatctc	ttagatggat	ttaacgtccc			400

<210> 1173
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1173						
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gtaggctgtt	caaaaagtag	acataatagt	gagaagccac	ctgagccagt	ccaactcgaa	120
gtcatggact	actgagaaga	aggagctatg	tgaattaaaa	cccaaatctc	aggaaacatc	180
gattcaagcc	ctaaagccag	tcaaaagcaat	atgaagaccg	agcccagatg	accaatgac	240
aaattttgaa	ttaaaaatat	ctgcctccct	aaaacaagca	cttgataaac	ttagactgtc	300

atcagggaaat	gaagatcata	agaaagaaga	agaccatgat	gaagttaaga	ttgggacctc	360
atgtaagaat	gggtgggtgtg	caaagacata	ccagggg			397

<210> 1174
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1174						
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tgtaaagtgt	taggaatcat	attctccaaa	ttattttaca	ttaaagacca	ctgacaaaagg	120
aatcaactaga	gatgtttattc	cactatcacc	aaatagtata	ttgttaccat	ctgttaacct	180
acaaccttgg	gtaagatggg	ataagttaac	atcagttgca	acatacacat	tcaatgtaaa	240
atagcttttaa	cacaataaca	actattttgg	tttattgaaa	caagttcaca	cattgtcatt	300
aaaaaggcat	tttgaattca	ctgtattttt	attaccttaa	ttctgttgaa	catgggaaaag	360
agcctggtc						369

<210> 1175
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 1175						
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ttgtgggcat	gggtgggcat	gagctcggag	gtgttccaag	gccagcagcg	ttgcccgagg	120
ccctgtctgt	gacgtgcg	tcactgggtc	tagctctcac	attctcagct	gcacgtttct	180
gtttccacct	cagtaaacgc	aaactcttgt	tcataggcac	agctgtcact	gcagcacaca	240
aggactcagg	tttgtaaaaga	caaacgattg	atttgtgtgt	gacgtgtctg	ttgtttgcac	300
tggtatttgc	aaattattta	ctaaagaaaa	gtacttcaga	ccttttgttg	cagacaataa	360
atcacagcat	actctaactc	tcagtattca	taaaaatggg	tgaag		405

<210> 1176
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1176						
tcccatcgat	tcgtttgaca	tagagtgaat	gcattttccc	ctctcctcct	cctgtctacc	60
attatatttt	ggggttatgt	tttgcttctt	taagatagaa	atcccagttc	tctaattttg	120
ttttctctct	tgggaaacca	aacatacaaa	tgaatcagta	tcaattaggg	cctgggggtag	180
agagacagaa	acttgagaga	agagaagtta	gtgattccct	ctctttctag	ttgttaggta	240
atcacccctga	agacctagtc	ctcaatttaa	ttgtgtgggt	ttttaaattt	cctagaatga	300
agggactgaa	acaatgagaa	agaatacagc	acaacccctg	gacaaaatgt	aattagaaaa	360
tatatattag	tttatagcag	aagcaagttc	aattgggttg	tggaaaag		408

<210> 1177
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1177						
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ccaattttggg	atgaccttct	accaagagacc	tcacagattt	caaggacagc	tcagctgttc	120
ctatcctctt	tcctcattg	cactgttttc	tgtttatatt	tatatataca	tttgtaatta	180
cttgactaat	atctgcacac	attgcctgct	ctaagctctt	cagcatcagt	ctttttatc	240
atttgtctcc	acagtgtttg	acaagcaata	gttactcaat	aaatcattct	tgaatgaatg	300
aatgaaccag	taaacgaagt	gacatttgaa	tatgcaagaa	acccttaagt	ttgagaatcc	360

tggtggcag

369

<210> 1178

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1178

gacagatagg	agaaagctat	catatattat	gttctgtaga	atgcttcttt	tggtggcagc	60
agaagaaatg	acccatgttt	gaagatctga	atttaattaa	gtctacacag	aatatagttt	120
aaaggcgctga	agactttgtct	attagtataa	taaatacttt	ttcttaagac	attgtttatc	180
tacagaagga	ctaccatatt	caagatttaa	aggtagattg	tttttgttca	catcattttg	240
atcttaggtt	ttgctggaag	cattcacatt	aagggggcct	ttaatttatg	tatgctttaa	300
gaatacttaa	tagctaatct	acatatataa	aaaaaaaata	ccggcctagg	ctcgggtggt	360
taa						363

<210> 1179

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1179

gaggattgta	acagggaaag	catttaggggt	tttcaggcag	aggaacagtt	ggccaaggaa	60
gtcagctctc	cagagctcaa	gagtagatct	gagtttaact	cattaaagat	ggcattggaag	120
agcagtgcca	taatgcaaat	gggaagattt	ctctctctag	taatttttat	tctgccacgt	180
gagatgacaa	gttctgtttt	aactgtgaat	ggtaaaactg	agaactatat	cctggatact	240
acacctggct	cccaagcatc	tctgatatgt	gctgttcaaa	accacaccag	agaggaagaa	300
ctgctctggt	accgagagga	ggggagagtg	gatttgaaat	ctggaaccaa	aatcaattcc	360
c						361

<210> 1180

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1180

cacatgcaac	agaaaggcac	agtttttattt	caaacaaaagc	agtgttttgc	tgtaaacaccg	60
ttaaaaaactg	gaaaggaaaa	ctcaatcaaa	ccaaaaacta	gatgcttagg	aataaatggt	120
agaatttctta	caaaaccacc	acgcttcaat	tcaatctaaa	tcaattcaac	aaatctgtgc	180
tgaagtata	acatttagtt	ttcttagaca	ccaaatgaac	aatacaaaat	ccctcaaggg	240
acttagaaca	ttcaagtttt	ctatatctgt	gggtctaagt	ctgttaccac	cttccaggac	300
tctgcttctt	tcctctctgc	cattaacaat	gcgggggttaa	aagtgacttc	ctaccactat	360
gtttctttac						369

<210> 1181

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1181

ggcacgaggg	tggtgctgagc	cgctggcccg	aaaatgctgc	tcgggcgagc	aggggtcagg	60
cgggaaaaga	agactcaca	ttccactctc	gtctgcccc	agggaatgc	tgccaggaga	120

gggagtggtg	ttccccgcag	gctatccccc	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctccctctac	cccataaaat	ttccctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaaagtaa	gttctgaagg	attcctttca	300
tgccgtggaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtctgtgt	360
ttaaaacact	attccctgtag	aaagattagt	gaaatgtatt	ggaagan		407

<210> 1182
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 1182	
cggtgtgtgc	ggaaaaaggt
aatccaatt	gtggccacca
ggccagccct	ttccacattg
agcgtccctt	tcacgttttg
ggtgccctct	gagtttagca
ggatcccaac	tttgtgcact
ctggaagaac	ctgaaacaaa
	ttctcgtctc
	tgaaggggca
	ttgccgtggc
	n
	411

<210> 1183
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 1183	
ggcacagggg	tggtgcagc
cgggaaaaga	agactccaaa
gggagtggtg	ttccccgcag
tatttgaatt	ggagacattg
tgcaaaaatt	cgagatagaa
tgccgtggaag	gaacaacaac
ttaaaacact	attccctgtag
	aaagattagt
	gaaatgtatt
	ggan
	404

<210> 1184
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 1184	
ggcacagacc	ccagctgact
gggtctcttg	accaggggat
agaaactgtt	ccctggtttt
tgttggggaa	aggtgtttcg
aggggaaaaa	ggaaatgaaa
ttgtctttca	ctctgtaggg
ctggttccca	tagaaatgga
	cgtctcttga
	tttcacagtc
	taa
	403

<210> 1185
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1185
 gcgttgccgt cgcaggatga ttctgaggat gactacgggt aattttctgga tcttggggccg 60
 gctggggggt ctgaattcac taagccaagt ggccaaacag aaagagaacc caagcctgga 120
 ccgagtcata accaagcagc aaatgacatt gtcaacccca gatcagagca gaaagtcac 180
 atcttggaaag aaggtagcct tctttacaca gaaagcgatc ctttggaaac tcgaaccag 240
 tcatccgaag actcagagac agagctgtta tcaaatctag gagagtcagc tgccttagca 300
 gatgatcagg ccatcgaaga agactgctgg gtatgacatc ctacttcca gtctctgaac 360
 caacagcccc gtgaaaaaac aaaccagggt gttt 394

<210> 1186
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 1186
 ttctctcctt ctctctagca tcatattctc agaaaattctt cctgtgttgc tccattccag 60
 ttcttataag tgattgttgc atgtgtgttt gtctagattt atctgttttt ggtgggaagag 120
 ttattttaat acaagctgca ctggaactga cttttgaatt gaaacctctt tccatgcttg 180
 gttcaaacca atccctatag gtaatggtta tgagcccaaga gttggagcca gggctctgaa 240
 ttcccacctc tgacaactntc tggctcttaa tctctgacta tttgtttaac atctatgtgc 300
 ctccatttct atataacgggt ttttacgggt tttatttatt aaacaaatgg ggataccogg 360
 accccgcgtg acacctgggt aatcg 385

<210> 1187
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1187
 atttcctttg tgtttttctg taattttacag attttttttc ctacgtgagc aagtattact 60
 ttataaaccc gaaaaaaccc tgtatttttc atcgagtatt taattaaact atgaagaagg 120
 ttattcattg tggcatttgt tgagtataaa ataacgaagt ccaacaacag aagacggggt 180
 aaataaatca tgttatgtcc atgctgtgaa aactatgcaa ctgttttaaaa aaatgagaca 240
 catctatatg taccatttatg gaagaatccc aaactataag gatccactga aaaacaaaag 300
 gaaaaaaaag atgaacaacc actttggaaa gcagtttggc atgatttact gaagtcaaaag 360
 gtatg 365

<210> 1188
 <211> 362
 <212> DNA
 <213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 1188
aagccctgtg gctgggtaaa aatacaaaat tagctgggag tgggtggcaca tgcctataat      60
cccagctact cgggagggctg agacaggaga atcacttgaa cccggggaggc agaggtgtgcg      120
gtgagccaag atcacgccat tgcactccag cctggggcaac aagagcaaaa ctccatctca      180
nattaaatgc gaggcaataa aaagaggggg gcggtttttt ctggaatgcc caggttgaaa      240
aaaacttttt gggggcgccg gccaccccc ctgtttttgt gaggaaaaaa aagggctttc      300
tttgacaatt gtgtggcccg tgagggtctc tgggggcccc cctataataa atagccccta      360
cc

<210> 1189
<211> 366
<212> DNA
<213> Homo sapiens

<400> 1189
cctgccctcc tccacctgac accccaacc aggcctgggg ctcggtgcct ccagctccaa      60
gtccctccct ctccaacagc cacttaaaagg cctccctctg gctcttctca gagaagaaaa      120
tcacaacaag gacagaggga ggaaggcag tacttcaggg catggattca aatctgcgatg      180
taggagatgc aaaagcaagg tacgagatgg gcagagacac aggaagagca ggagatgatg      240
gggtgtggct tatcacttgc tgggaggtag ggggtgggaca actgagtgag gagctggctt      300
atagagcaga ctgtggagtt tagtcctgat ggaggtttct gaaagagaca tgggggtgggt      360
gggtgc

<210> 1190
<211> 391
<212> DNA
<213> Homo sapiens

<400> 1190
ctgcggacct gtgaccggc gacttggggc cctgatgtct ggattcttct tccgatactg      60
agacacggcg cgtaggtcca caggcactat ccaactggaa gttgaattgt gagttagagt      120
gaacaggaaac cttccggctt ccggagggtt gtgtggccag tgactcaaaq tgagaaggcc      180
ctcgaagtgc tcttaagctc catgcggcgc ctgcctcttg tctcgctctg      240
gtcataacta aggaggaacg agggccgagg agtgtaaggc ctcaactgaa gcttgggtgc      300
tggttcggtg atccgaatcc cactagcacc tggaaccccg actgaagact ctgcactccc      360
cacacggaac caggagaggt acgcatgac g

<210> 1191
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 1191
ggaagaaaga gcttctctgca attcaaggac tgtacaaagc tgaacccgag agattttcat      60
attatttggg agactcagaa atgagctttt aaggttggtc ctgactctgc gggtcataag      120
cgcacaatgg tgaagaaaaa gctgccttct agtgacacgg tgttccggtt tgagactccg      180

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ggcagcccaa	ggaagcccaa	ctggaggcc	tcaagcagct	ccacagacag	ccccagctcg	240
gtgttcctca	gctcagaggc	tgagaatggt	gtggaggaga	aaaagaaagc	ctgcaggctcg	300
ccaacagccc	aatccccctac	cccatctgtg	gaggcggact	cctcagacca	gaagaanatc	360
attagcctat	ggton					375

<210> 1192
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 1192						
cggtctgtct	ggtcaccccc	ctcaggaggcc	actcccaggcg	ccctgtggcc	attccccagcc	60
tcctctgcag	gcaccgagtg	agcagcgctg	ggattctctgg	actggagagg	gccctgggaa	120
ccctccagcg	ctgccccctg	gtgggtgagc	ctggtctctg	ggcctcccg	agaatttttt	180
ttttccctga	aaagagggag	ggtaggggtg	gagcgtgaca	cctgggcagg	tgtcccttgt	240
ctccatcctg	gccctgcgat	ctgttaactc	aggtggtgtg	gctgcccagg	cctgggcaca	300
gccaccgctt	ccaggtgctg	agtgtggcca	cgcaggggaa	ggtgctactc	tggcaggggca	360
tcggggttag	ccagctgcag	ctcacagagg	gctg			394

<210> 1193
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1193						
gagcatatta	tcaagtgtaa	atgcagcgtg	aatagtagct	gacaattttg	aaagctgtta	60
aagtccttca	ggcaagtgtt	agaggagtaa	gagtttagac	gactcttaga	aagatgcaga	120
ctgcagcaac	actcaattcag	tcaaaactaca	gaagatacac	acagcaaaaca	tactttaata	180
agttaaagaa	aataacaaaa	acagtacagc	aaagataactg	ggcaatgaaa	gaaagaaaaca	240
tacaatttca	aagggtataac	aaactgagcg	attctgtaat	atacattcag	gctattttta	300
ggggaaagaa	agctagaaga	catttaaaaa	tgatgcatat	agccgcaact	ctcattcaga	360
ggagatttag	aactctaattg	atgagaagaa	gattg			395

<210> 1194
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1194						
cgattcgatg	gggtggtccg	catcctcagg	gggtgtgtgt	tgtgtggggg	gtctctgagc	60
tgaacttggg	tgggggtggg	acttgttctc	cggggggccac	ctttgtgtcc	ttgtcagcgg	120
ctgtctctgt	gtggcctcgg	ttgcatcttc	ctctgggggg	ggatttgagg	acccccagcc	180
tggaaatgaga	aggggtcccg	gctccatgtc	agaaccacaga	aaggtggatc	cccccaactg	240
tgactgcgat	aagtgttttg	tacccccctt	ttggtccaga	acccgtctgc	ctttcccttg	300
gggacaaggg	ggccttttga	tggcactggt	tgtgacctgg	acccagcccc	gcgctggcat	360
gatccagaaa	tggggcccg	acatccttgc	gggcaggagg	caccgtcc		408

<210> 1195
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 1195						
agatcagaat	aagagtctct	aggttatctg	ctcaacagaa	gctaagacca	ctctgatagt	60
cattataaca	gtttttcttt	agttacttcc	ataattagat	ttgttttttt	aaaaagcttc	120
cccccgctga	cttttcttta	aacatgggtt	taaaagatgt	gatcaattta	gtaattgagga	180
agtggttgaa	ggatgtctcg	ggtaaagaag	ctgaagctg	acagattcaag	tgtaatccct	240

ttccccacag	gggctgtcgg	agtcctctgc	agagaaggcc	cctgtgtcgg	tgtcctgtgg	300
aggtgagagc	cccctggatg	gtatctgcct	caacgaatca	gaacagacag	tcgcgctttt	360
ct						362

<210> 1196

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1196						
cgttgctgtc	ggaacacgcy	gctagaaatc	atctacccca	ggaatttttt	tttttttttt	60
tttgggggca	gttgggaaaa	aaaaaatggt	taaaaaaa	agggttttgt	tgggggtgcc	120
cggaacaaac	gttatttttc	tccctatggg	gaaactgggg	gagtacgcta	aaatttttgc	180
aaccgggggt	gggttaaacc	ccccccacg	gcctcttttg	cgggttaaaa	ttggaagagg	240
ggggaaaagg	tttcttttta	tggggggaaa	aattggattt	atagtcaaaa	gggggcctat	300
ttttctgcct	gagaaaaaaa	cccccccgag	ggccaagggg	gtccctggat	aaccccccg	360
aacaaaaaag	gaaagggggc	gttctcct				388

<210> 1197

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1197						
cgttgctgtc	gggacatggc	acctttcttc	tgtttctcgg	aaaccattta	ccagaaagtg	60
acgggcaagg	agctgagata	cgagggcctg	atgggcaaac	ccagcatcct	cacttaccag	120
tatgccgagg	acctgatcag	gcgacaggcg	gagaggcggg	gctggggcgc	ccccatccgg	180
aagctctatg	ctgtgggtga	taaccctatg	tctgacgtat	acggcgccaa	cctgttccac	240
cagtacctcg	agaaggcaac	gcgatgatgg	gcgcagaaac	tagggggcgg	ggggcacacg	300
gagcaacacg	ccttagcaag	ccagagctgc	atcttcatto	tggtgtgtac	aggcgtctaa	360
ccatcccagg	aaacccaaca	gtccacggag	cctggtcctt	ggaagagg		408

<210> 1198

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1198						
ggcacgagg	aacatggggt	tgcagcaaaa	agcgatgaaa	tctgttcatg	aaaacatgga	60
tctgaacaaa	atagatgatt	tgatgcaaga	gatcacagag	caacaggata	tcgcccaaga	120
aatctcgaaa	gcattttctc	aacgggttgg	ctttgtgtat	gactttgatg	aggatgagtt	180
gatggcgaaa	cttgaagaat	tggaacaaga	ggaattaaat	aagaagatga	caaatatccg	240
ccttcaaat	gtgccttctc	cttctctccc	agcacagcca	aatagaaaaa	caggcatgtc	300
gtccactgca	cgtcgatccc	gagcagcatc	ttcccagagg	gcagaagaag	aggatgatga	360
tatcaaaa	ttggcagctt	gggtctaccta	aac			393

<210> 1199

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1199						
ggcacgagg	caaggttcac	gtacggccac	gcggggacca	tctacaaa	cttcgtgtac	60
atctcggggg	gccacgacta	ccaaattggc	ccctaccgca	agaaacctgt	atgctacgac	120
caccggcagc	acgtgtggga	ggagcggcgg	cccataacca	cggcgccggg	ctggcacacg	180
atgtgcagcc	tgggtgacag	catctactcc	atcgggggca	gcgatgacaa	catcgagtcc	240
atggagcgct	tcgactgtct	gggcgtggag	gcctacagcc	cgcagtgcac	ccagtggacc	300

cgcggtggcg	cgctgctgca	cgccaaacag	gagtcggg	tggcagtg	ggaggccgc	360
atctacatcc	tgggcggcta	cagctgggag	aactgccc			400

<210> 1200
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1200						
ggcacgaggc	ctctcgccgc	tggatatta	atacgggtcac	cgtaggagttt	ttcctggtgg	60
gacaagacaa	cgggcgggtg	gaggtgtcca	cattgcagtg	cttagcgaat	gccacagacg	120
gcgtcgccgt	agcaaccgcg	atcggtgaca	cacctgcgaa	tgagatgaac	accgacacgt	180
ttctcgaggga	gattaacaaa	gttggaaagg	agctggggat	catcccaacc	atcatccggg	240
atgaggaact	gaagacgaga	ggatttggag	gaatctatgg	ggttggcaca	gccgcctgc	300
atccccagc	cctggccgct	ctcagccaca	ccccagatgg	agccacgcag	accatcgct	360
gggggggcaa	aggcatcgct	tatgaacctg	gaggctcaa	catcaagg		408

<210> 1201
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1201						
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tttaaatata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	acgctttcaa	gatgaactcg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gccaacaca	gagatacttt	cattgaagaa	cgctatggaa	300
aatataacat	cagtgatcct	ttaatggctt	tacagagaga	ttttgaaaca	ctgaagagaa	360
taaatgatgg	cgaaaaggcg	g				381

<210> 1202
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1202						
ggcacgaggg	gatgtctctg	gcgtgggtgat	ggaatgtggg	cttgatgtga	aatacttcaa	60
gcctggagat	gaggtctggg	ctgcagttcc	tccttggaaa	caaggcactc	tttcagagtt	120
tggttgatgtc	agtggaagt	agggctctca	caaacccaaa	tcactcactc	atactcaagc	180
tgctctcttt	ccatatgttg	ctctcacagc	ctggtctgct	ataaacaaa	ttggtggcct	240
gaatgcacaa	aattgcacag	gaaaacgtgt	tctaattctta	agcgcttcag	gcggagttgg	300
tacttttgtc	atacaggtta	tgaaagcatg	ggatgctcat	gtgacagcag	tttgctccca	360
agatgccagt	gaactgttaa	ggaagcttgg	tgacagcag	gt		402

<210> 1203
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1203						
atcccatcga	ttogaattcc	gttctgtctg	gcccgtgggt	gctgaagtgg	aagcactgtc	60
ccogactggg	ctgctctggg	aggaggattc	aggtcctgat	gagccgcctc	caccccgtc	120
aggcctcttc	ccagccacgg	tgcagccatt	ccatctgaga	ggcatgagct	ccacctcttc	180
ccagcgcagc	cgtagacatc	ttgactgcct	ggaggggggc	gccagacggg	ctccactctc	240
tggtggccac	accagcatga	gtgcacaacg	aggcttcaag	cgcccccctg	gcgccctcag	300
ccggtctcca	gtggaaggcc	tgggcagggc	ccatcgagag	ctgctctcac	caagggtgcc	360

tccgggtccc gactacgtgg cacacccga gcgctg

396

<210> 1204

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1204

cgttgcgtgc	gagcaaaagca	gattatgagc	tatacaacaa	agcctcta	cctgataaag	60
ttgctagtag	agcggttgc	gaaaatagaa	attctgagac	tagtgatact	actgggaccc	120
atgaatctga	tagaacaag	gaatccagtg	accaaaccag	cattaatatt	agtggatttg	180
agaacaaaat	ttcatcgtta	gtgcacagct	taaggagta	tgaggggag	tggttgcttt	240
ttgatgattc	tgaagtcaaa	gttactgaag	agaaggactt	tctgaattct	ctttcccttt	300
ctacatctcc	tacttctact	ccttacttgc	tattttataa	gaaattatag	agtgagtgtg	360
ttttccttgt	gtatatatta	aacacacca	tacaaacatt	ggtaaagtc		409

<210> 1205

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1205

ggcagcaggg	atgtaatgcc	tggaaagtat	acaatgaaaa	tctagttcat	atgattgaac	60
acgcacagaa	ggaacttcag	aagttaagaa	aacatattca	agattttaa	tgccagagaa	120
agaacatgca	actcacagct	ggatctaaat	tgagagaaat	ggagtcaaat	tggttatccc	180
tggtcagtaa	gaattatgag	attgaacgga	ctattgttca	gctagaaaa	gaaatctatc	240
aaattaaagca	gcaacatgga	gaggcaaaaca	aagaaaaacat	ccggcagac	ttctgaaaa	300
acaatttagc	aggtagaaga	aaagttgggc	ttcacaaaa	ggcatctgaa	cttttaaatga	360
actttgaagg	acaacagcat	cttcccaaaa	ccatttggtg			399

<210> 1206

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1206

tcgaattccg	ttgctgtcgg	cctgggaaac	taaaattatt	tccagagaga	aacgacagct	60
gcgtaaacgt	gataaagtgc	tgactgattc	tggttcattg	gattcaacta	tccctgggat	120
agaaaaatcc	atcacagatta	ccaccgagca	acttacaacc	gcatactttc	ctgttggttc	180
caagaagaat	aaaggtgatt	ctcatctaaa	tgttcaagtt	agcaacttta	aactcggaaa	240
aggagattct	acacttccag	tttcttcagg	attgaatgaa	aacctcactg	tcaatggagg	300
aggctggaa	gaaaagtctc	taaaactctc	ctcacagatc	agtgccagtg	aggagaagtg	360
gaactccgtt	tcacctgctt	ctgcaggaaa	gaggaaaact	gag		403

<210> 1207

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1207

ggcacgagcc	ggggagacct	gggatagcaa	gttcagcacc	atcgccctca	gctacgaaga	60
gtgcggggct	gagagcgctg	gtctctacct	ctgtctccac	ccgcaagtgc	tgagagatctt	120
tggtcttagg	ggggctgatg	cgagggaagt	gatctacgtg	aactggctca	acatggttcg	180
ggcggggctg	ctcgctctgg	agttctacac	acctgaggcc	ttcaactggc	gaacaggccca	240
tatgcaggcc	cggtttgtga	tcctgagagt	cttgctggag	gctggcgagg	gaactgctaac	300
catcactccc	accacagagc	ccgatggggc	ccagatggcc	cgggtccgct	tcgacccgag	360
caagatccgg	ctgtggggca	agcctgctct	agagcgctt			399

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<210> 1208
<211> 349
<212> DNA
<213> Homo sapiens

<400> 1208
tataaatatt attgtatctg ctttcatttt attaaaatta tcattttatt tgtttataat      60
cagcaatgca ttatatTTTT gaactatgca atatttactt tattttttta gcaactcctt      120
ttcaagaaac ttttttttaac aatcaaaata cacaatatTT taatatgcaa ctgttattcc      180
aatattcctat ataaaaatcg tcaactacac aaaaagtccg gtttgcaga tattatgaaa      240
tcgtatatata aaatacacac atatacatat atgtatacat atacaagcat aagtacttat      300
ttattatagc aatctatgct ttttgaaaga cagtatggaa acaagtga      349

<210> 1209
<211> 350
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (350)
<223> n = A,T,C or G

<400> 1209
gtcatctctg actagtgtgt taaacttaag ctacttaacc tctctcagct cagtttctca      60
ttgtaataaa gtaaggataa tattttttac ccacacacac tattaagaga gttagatggg      120
gaaaaatgca tggataatat gggctaocct ggttgaagct gaggcocagc tatacctaca      180
tgtgaatttt gtccactatgt acattgggtt tgagcagtgct gactttttca ctacagacaaa      240
tgtcttagag ctctatgtat gttagaacaa agagagtggt ctcctgcctt ttanagagcc      300
ttacaatatt tcatagttag tattatgcaa acagaatata aaaaagagct      350

<210> 1210
<211> 336
<212> DNA
<213> Homo sapiens

<400> 1210
tcaagagctc gaaaacaatc tcaatcattt acagggttgt gatcatttca cttgcattaa      60
gccaaactaaa gttgtatttg taaaagtaat gctatgaata ttactatttg acctagacac      120
atagggttaga attggaaaca caggctataa agtatagtaa tctgtgaatt gtgaaaaat      180
taaggcttca actcaaaact gaaacacagt agggcttaga aatctttgaa ttatttatac      240
ccctcagttt aaaaacttcc agtcaggcgc cagtggctca tgcctgtaat ccagaaactt      300
tgggaggcca aggcaggcgc atcacctgag gtcagg      336

<210> 1211
<211> 339
<212> DNA
<213> Homo sapiens

<400> 1211
ccaaggtacg gctgctagaa caccaccgaa gggccatagc taaattatct aactatgtta      60
taaacattgg gaataactat gttataaaca ctgggaatta cagagaacta gtcctggaatg      120
gggctgactc taaaaatgct tataatcgct tggagaaact tggctgtgaa taccagaaga      180
ataaaagtca aacaaaatcc ttaatttagt ttactgcagt tggtcatgtg gcaactgggcc      240
ctatgggaag ccaaaaaaag tattcgtatt ataatgaag ctgtgccaaa acatgttataa      300
gacttatatt tctttatact tatagaaata tttagagag      339

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<210> 1212
<211> 310
<212> DNA
<213> Homo sapiens

<400> 1212
cggggtgataa ctttttgggt acotgaagca tttatgaata caggtaaagtc tgtggctatg 60
ttatagaata ttgaggtctc cattgggttg acttccaaat tagcgcttta ttaactcgg 120
tgtcagtggt tgtacacctt cttgggctgt atcttttcta ctgtgaaaca tatttttaact 180
gtgaaatgaa tatttttaag aatcaccttg gggccaggca tgggtggctca tgcctgtatc 240
tcaggagctt tgagaggcca aggtgggttg atcacttgag gtcaggaggt cgacacagcc 300
tgcccaacat                                     310

<210> 1213
<211> 359
<212> DNA
<213> Homo sapiens

<400> 1213
agggtgggttt gtctagtttt atctgttttt gggggaagag ttattttaat acaagctaca 60
ctggaactga cttttgaatt gaaacctctt tccatgcttg gttcaaaacca atccctatac 120
gtaatgggta tgagcccaga gatggagcca gggctcctga ttcccacctc tgacactttc 180
ggctcttaat ctctgactat ttgcttaaca tctctgtgac tccatttcta tataagtgtt 240
tttacgggta ttatttattt aataaatgga gaaacaaaga cccaacatga cacctggcaa 300
tttgggtggca gaacctaaat ctcaggtgtc ctaacttcca gtccaaagca tagagaaaa 359

<210> 1214
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1214
ctttactttg cagtagttgc tcaaaattac gagtaaaaga aaggaaaata gatagcttca 60
ggaatgatgg aggggagagg aatggcctaa aagcaggatg catagtgggt aaaagtaaac 120
tattttacag cttcatctgg agttggacca atatagcata aaacatttga agttagttatg 180
attgtctgta gccatgtggc tggatgaatc cacaatgac gttaaagggg ccaactgacaa 240
ataccataca aaaaactgtg acttatctac ctagtcatct acatcattat acttctcaca 300
gtgaagaatg agaaagtatt ttaaaagtag acatagcttt aaaagatgtg ctctcg 355

<210> 1215
<211> 340
<212> DNA
<213> Homo sapiens

<400> 1215
tacaattgttc aggtcttttg tgtttattac caggcccccac tcaacctttg agctattcca 60
gtatgagagt gaattagacc tcccactatc acggtcttac tgtcatttct catggcatta 120
gtcttaatat tttttatatg gtaattctat gtccaagact gtgaacatat tcagggtcca 180
agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctagggtga 240
gcttcgggct cctgcacccc agagcagttt ccatttgac gtgttgacca tattctctaa 300
cccgteccat aaaattgatt ctactatttc ctgcttttgg                                     340

<210> 1216
<211> 358
<212> DNA
<213> Homo sapiens

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<400> 1216
agaaattgaa ctgaaccgta aaggatagct gagaacagaa aatgcttgag aagaatatct 60
ccataaagaa gtgataggaa ttaaaaacagc aaataacagtt tgataaccagg taatagagtg 120
gcttgaatcc agtttaggga atttggtttg ggtgtgtata tgtgtgtgtg tgtgtgtatg 180
tgtgagagtg tgcgtgtgag tgagagagag agattgcaca tatatatgga cgtgtgacta 240
aatagcggtc gcaacctgaa cagtctatcc tcttggaaac ccacgggggtg acattgtctt 300
gtgcctggta ttggaagcac ttattggcag gcagatgatg gagacttagt atcgaggg 358
```

```
<210> 1217
<211> 340
<212> DNA
<213> Homo sapiens
```

```
<400> 1217
tatctacggg atcataagtc taggtgtcta taattcagaa aactacotct cattgtgtat 60
ttgatgtttt tgtatatcca gagcgtatta ataaattgaa ttttaaaagt ctcttaaaat 120
aaaggagcta ggttggggcgc agtggctcac ccttgcaatt ctgacactta tggaggccga 180
ggctgtgtga atcttcagag gtcaggagtt caagaccagc ctgaccaaca tgggtgaaacc 240
ccgtctctac tataaataca aaattagcag ggcatgggtg catatgcctt gaatccccagc 300
tactcgggag ggtgaagcag gagaatcacc ttgaacccct 340
```

```
<210> 1218
<211> 353
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (353)
<223> n = A,T,C or G
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<400> 1218
aggcagaaat ttcccataat gggtttacaag ctgtgttgaa tatcaaaacc catcagctct 60
tggaatggaa aagaagttct cacacaaatc taagacctac caataataaa gataaaaaaca 120
aacaaccaac aaaaaaaatt ttcaaacaaa aagaaaaaaa gggaccctcc cctttttttt 180
tggaaaaaac ctggttttta agggccccca ttttttctcc taccaaaaaa aaaatttggt 240
acaatttttt caaaaaaaa aaaaaatgtt gggaattttt ttaaacggcc cccaatttag 300
gcgccaataa atgggcgaaa aaaaaaaaaa attttccctg gttttaaaaa ccn 353
```

```
<210> 1219
<211> 385
<212> DNA
<213> Homo sapiens
```

```
<400> 1219
cgttgctgtc gataaagtat tgtaaataga atagtgttga agatatgaa tatggctatt 60
tttaattggtg acaattatga cttttagtca ctattaaatt ggggttacct atatcagtac 120
aatttgtagt tgtttccagg tttggctaata aatcattcct taacctagaa ttcagatgat 180
ccttgcaata aggcaggtga gaggactgta atgatagaat taatttagtg tcaactaaaa 240
ctgtcccaaa gtgctgcttc ctaataggaa ttcatcaacc taaaaacaga tgttactatt 300
atatcaatag actatgaatg ctatttctag aaaaagtcta gtgccaaatt tgtcttatta 360
aataaaaaaa atgtaggagc agctt 385
```

```
<210> 1220
<211> 351
<212> DNA
```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 1220

gaactgtgat	ggcctagggg	atgagataat	gcagcaaaat	aaaactgttc	ttcctaccat	60
ttttgtgcag	ttattttttg	atttttttgc	tcattgtgtg	tgtgacagta	tcttacctac	120
actcttgagc	tctcctagag	ctatttttat	tcttgatag	ctaattgtgt	gtgtgtgtgt	180
gtgtgtgagt	gnntnnnnnn	nntnnnnntc	nnntttntnn	ntttttnttt	ccctntntct	240
tttttttttt	gggggttttg	ttttttttgt	gctggncctt	ttgttctatt	gggggtgggg	300
gggtgtttcc	ttgtgtccct	tgttgggggc	ccctcatttg	ttttttttta	c	351

<210> 1221

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1221

caaatatttg	atgccaggct	gaaactttct	tttcttttaa	taaagcactc	ttgaatgtct	60
cccttatgtt	tgtctttgtg	atcatacttc	agtttaattt	tcaagaagaa	aaaaaagaag	120
atgaagataa	ggatgatact	gaacattact	aaatgattat	aatctccccc	ccattatgct	180
aatcactttg	agctataatc	tgtaataatc	agggaaatatt	ttatttttta	gagaatcagt	240
attttctcag	tttcatagag	atgcatatga	attgagtgtg	tcaactaggga	agcggaacca	300
ctgagcaata	caaatgagga	atttatttta	ggcggggcgc	g		341

<210> 1222

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1222

accacatggc	tgcctatgat	acagagcctg	cttttgataa	tactactgta	ctaatacata	60
cacttttagac	ttcagaatga	cacatgtgtc	catagataat	agctagggtg	ggctgagggtg	120
ggattatcaa	aggtccaatg	tgaaacagca	cggcacatag	tattgcccgt	tttaaacaaa	180
acaaagggtg	agtgtatgag	caatatatca	tttaagacac	ttctcaagct	cgagtggttat	240
ggaaatggc	agagtgaaac	cagcaatcca	aagtaaaata	taaacacaac	ataccttcca	300
aagactcttt	aatatacaca	taaaattttg	acctaacttg	agccn		345

<210> 1223

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1223

atgctattca	ggagaatcaa	agtaaacccg	tgcaaagaag	cgtttgacaa	ttatgagcac	60
actttgttcc	ttgggaaaac	atacttggtt	agttagaaaa	aacaaattaa	aagaagaatg	120
agctacatgt	tgtactaata	catttcatto	ttcttaacac	taatgcatac	cttgagggtcc	180
ttagctgtag	ccctacacct	ccagggtttc	atagagtggg	gttgaaatcc	aacaaaatta	240
aataccaaca	tttacataat	acaagctatt	taaacaaat	cattgcattt	atttggggct	300

tcaggtaaga ttaaattaat tgtttaaacc atgcactttt tgaaaaaataa ttact 355

<210> 1224
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1224
cggtgctgtc ggtcaggatg gtggattaac ctgtacccag aatacttatt gttcattttg 60
aaaagacttt gtctctttca tttttatttg ggagtccttg tgaccagaga agttagggag 120
gaggtatttt ttgtgttttg ggggtggctg gttggttggc tttgnnnncc gccctacatg 180
accgatgaac aaatgggttc agatggctct gtgtccatag gcagccttga ataggccttt 240
acacactctg agacaatgac agcctgtgtt gactgaaccc tgacttgtgt tcacacctgc 300
catagtgcga gtgcctttgc atgaattcga taatttgagc ctgacactcg ccttaagagg 360
gtggctctgg tacctccccg ttg

<210> 1225
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 1225
aactaatttg tacagattta aactacaaac tcccttccac cgcttgatga gtactgtgta 60
tctttactca agtctcacag tttcagctgc tgatttattt tattttattt agcctgggtc 120
cttgccattt gccataggtc tgcataaaat agggctggcc aaggatttga agagagtata 180
tacaatgac cctcaatcgc catgtgggtt gattccaggga ccctgagga tataaaaaatc 240
cacatcggg cagtgtgtga tggctcacac ctgtaatccc agcactttgg gaggtcgagg 300
tgggtggatc acctgaggtc gggagtccgg ngccagcctg agcaacatgg agaaaccccg 360

<210> 1226
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1226
atatgttcat tgcaacacta ttcacaatag caaagccatg gaatcaaccc aaatgcccat 60
cagtgacaga ctggataaag acatatacac catggaatac tataaagtc 120
attttaacta gacatccctg ctgaaatccg ttccctcctg cactgtctac ctattgcaga 180
ttctgaaatc tccaggtcta tgaaactcaa tctttcaaac agtaacctgg tctaagcttt 240
attctccat tacataaagc cacaaaggtt atgtccattt tgcataagaa gaagctgagg 300
cctgaaaggc tgacttcgct atagtgtgac ccaagtttagc ggtggaagct cgg 353

<210> 1227
<211> 309
<212> DNA
<213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 1231
agggagaagt ctatgctcctg accaggctct gatttcccgc gccctgcccct attcaagttc      60
ctcaaatcc ttgaccccaa cccctgcccc ataagaaaac tcccctgac cctgaccctg      120
acagagaact ggcgtgtgaa atttttgcat tgacaacaga tattggaatg cagggattcc      180
ctatctactt caggcacctt caagaatcag aggaggccaa gcctgatggo tcatgctctg      240
agtcccagca ctttggggagg ccagggtggg gagatcactt gaggccagga tttgagacca      300
gcctggccaa tatggcaaaa ccccgctctc actaaaaatn
340

<210> 1232
<211> 336
<212> DNA
<213> Homo sapiens

<400> 1232
aactagatgg agtccctggcg ctactgtga ttgagaacac atgacaaact aataggttta      60
ctgggcaggc ggctaagctg atctacttgc tggttcaatt agctccactt tccggaggct      120
agcattttcc caaccctggc ccatgctctt gtgggtacat ttaccctatt tggggcctta      180
gcgcctttaca aatgaacgtt tcaagtttaag agacattgcc acataactta tattaagtgg      240
tatgaattca aaagcaagct ctgccactac acatcagaat ccagcactga aggaagtgtg      300
gaagtcagaa agatggacag gaagatccct tcaagc
336

<210> 1233
<211> 383
<212> DNA
<213> Homo sapiens

<400> 1233
cttagtggct tttatccctc cgcatgcta ttttgctgat gtttctataa ttgcctcaga      60
ctttcacatt tactagtagg gctgagagag gcttttagtga ggaagaataa ttcagaataa      120
aacggttgag aaagctgaga agaccattga gttttgatca gttgtgaata gagtgcaaa      180
ccatggccaa gctgtttttg gaaacgctgg ccggcggtgc ttcagtggaa aaagcaaatc      240
aaaaatggagc gagagcaaaag gggcgtcctc agtcctcaac ctacaatcac tgtatggaat      300
cggtcctggc agctgaacat aggaggtcac tggaacaagt gatagtgcag attggccttc      360
aaacatcctc ctggccttag ttt
383

<210> 1234
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1234
gtattgactg aactaccaga tattgaggct tctttgctta ttactgcat gactttgggc      60
aagtcgaagt ccacctgagc cttgcaagtc aggcctgggg agtccaacca cccagaacct      120
ttgagtctct gttagagagc aagaccctct cttaaagaac aaaaaataaa caaaaaaaga      180
gtattgggat atggggagtt tggctcctgt agaaagggta gtctggggag cctgttacag      240
gagttaaact tggacctgag acctgaggat gaacagaagc catcctgaaa gaactgggaa      300
aataaagagg tggccaggcg tggtggcgca cgctgtaat cccatcactt tgg
353

<210> 1235
<211> 243
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 1235
catagtcaag ataggctaaa ttatgctgag ataacaaaca aataaaaaact ccaaaatctt 60
aatgccttta ataacaaga tgtatttctt aatagtgcct catgtccctc tcagatcagc 120
aaagagatct ctgctcatgt tatttaataa gagggccagg ctgacaaagc tgtgcccac 180
ttgaatatag ctcccttgat tgccagacag aataaagaac tctgcaggat caccattag 240
can 243

<210> 1236
<211> 342
<212> DNA
<213> Homo sapiens

<400> 1236
atgctcaact agttaattag atgagattct gtagagaaaa tggacactat aagaaataat 60
agtgccaga actgagttat aatgacctct aatatttaat gataaatgaa agaagaggaa 120
ctgactgact aatctgagaa gaaaccaata aacttgtaat aacagaagaa caaaccagg 180
tgggtgctaa gaaatcacag ttcatcaaaa aggagggaac agtggacttg ccttgtaaaa 240
gatggactgc cttaccaaat atgacaaata ttaaaatatg tttgatcttc aatgatgacc 300
aaatatgtaa ataagacact ggaatttatt cgtcaaatct ct 342

<210> 1237
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1237
tttcaatctt tgcgccaaa tgccatattc actacaagga acaggggttc cttggagaaa 60
tggctgaata taagtgtggg taaggaaata tacaatatgaa cctggaatat cttattatat 120
atatattaaa aaaaatctac tagattcagc tcaaaagtag ccagagacca acttgaaagt 180
tgtatttga gcaccaatgg ggaatgaac tggaaaccac aggttcatat tgacaggagt 240
taaaaaaaat acctttggtc gctttgaaat atgttccatt agcaagatta accaagaaaa 300
gggagaaaaa atctaataaa cctcactaag aaatgaaatg agagctatta caact 355

<210> 1238
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1238
cagggaattt tgataagtta atcattattt cagccaacaa atctgaggcg gttaaaaaac 60
ttttcctccc atatttgatt tataagcacc ttccccttga tgtgatttat cttttctaaa 120
gggactagat catttotaagc agaggaaaca tcatagcgaa ctgtgcctca ggcattattgc 180
agacgatgtc acttgagttt aaaccacaaa gacatttcag aaagaaaaaa ttttatctc 240
ttaatatgta agccaagaga tatgaaatca tggcatcccc agagaaacac ctttccttga 300
tgtcaacttg gcgacttga tctgcttttc tgatgaacaa agaaaagtat ttggctatgg 360

<210> 1239
<211> 380
<212> DNA
<213> Homo sapiens

```

```

<400> 1239
cggtgctgtc gattaatttta acaaatattat ttagtggtgt ctcagacact tgagacactg      60
gagagttgga ggtggatgaa aggagaaacct tattctttag ttgtttacac agcagagtaa      120
atatcacaata ggcaggtacc ttgtcccttt tgtcaactac tgtgtctgca gcatctagca      180
ccatgtctgc catcacagtag gtgtttgttt aattttttta atgaatgtaa agtacaggtta      240
agtatatggt tacatatatt atcttccaat tatttggatt cctcatttca ttctctcctc      300
catagtgtgg gaagaggaaa gatttgagat gaaatggaga aacatcaaga tgaatgcag      360
agtatttaga caagattatc

```

```

<210> 1240
<211> 337
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

```

```

<400> 1240
ggtttcacca tgttgaccag gctgggtctca aactcctgac cttaagtgat ccaccgcgct      60
cggtccacca aagtgcgcgg attacagacg tgagccaccg tgccctggcca acattttattt      120
agttgaattc ttaaaaattta tttttctaag agaataaggg agagcattag aagtagtttt      180
cataagacac aataaaatata aacctgtcat ttacctgtct agccctgata ttctgaaatc      240
tggaacttgg gtttagaaca aaatggattc agttaatcct tttttttttt taaagagaga      300
gatttgatag aggtcggtcg ggttattcat tcattcn

```

```

<210> 1241
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

```

```

<400> 1241
tctacggctg ctataatacy acagaaggga attcaaggag ccggtcacca caagctgcat      60
aaacaaatcg ttaccagcat aaacagaata tatagcagaa ttatttcttc gaaaaaataa      120
cttactgata ttcaggccag gcacagtggc tctgactgt aatcccagca atttggggagg      180
ccgagggcgg tggaatcaact gaggtcagga gtccaagacc agcctggcta acatgggcaaa      240
atcctgtctc tactaaaaat acaaaaatta accgagtgtg gtgggtgggtg cctgtaatcc      300
gagctacttg ggaggtcgag gcaggagaat cgctgaact cggggggcgcg cggttcagat      360
gagccan

```

```

<210> 1242
<211> 359
<212> DNA
<213> Homo sapiens

```

```

<400> 1242
tgggtttgtc agtttcaata ggagattcta tgtatttagt ctccaaagaa ccagaatta      60
tctgtgggga gttttgaagg agtgagccat ttgtaaaaaa cataatatgt agggcatggc      120
aaacaggaag aaaaagcaaa aaggagcatt agagtgcata aaggacaaac ccaaaacagg      180
atttacctgg aaaccatgc cagcaacctg catcagagaa atgtatctgc agccagcagt      240
atctctgctg ccatacagag gtctagaaat ttgaaaggtt tataaggcaa aaagagaaaa      300

```

gacaaatacc aagcaaggaa tcacagatgg aacaatcaga aggattacta aaacaagaa 359

<210> 1243

<211> 287

<212> DNA

<213> Homo sapiens

<400> 1243

ggaccctgcc	cctcaccccta	cacaggctat	aggatctgga	agggaaagga	cggttcctgt	60
taatatcttt	gcactttaag	gacacagccc	acagggtctg	ttgggtgact	gactgattga	120
atgagcaaga	cttctagtta	tacatagact	gaaaactctc	acttatctct	gottcttttc	180
aaaatccccc	taaaatatga	ataaatgcat	gttttaaga	caaaaggagg	ccggcgccag	240
tggtctaacac	ctgtaatccc	agcgctttgt	gaggccgagg	cgggcg		287

<210> 1244

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) .. (245)

<223> n = A,T,C or G

<400> 1244

ggcagccttt	tcatatagat	actttaata	ccctttgaat	aaattcattc	agcaatagag	60
ttattgagta	ttgtgcagag	gtataggggt	atataattgt	gactaggtga	ctactttaca	120
ttagatagtc	ttctctgatg	ttaacattta	aatttagggac	ctcggtcggt	tgcggtggct	180
cacgcctgta	atctcagcac	tttgggaggc	cgaggagggt	ggatcacctg	aggtcgagag	240
ttcan						245

<210> 1245

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1245

cgttgctgtc	ggccaaatac	tgtgcttagg	gctctgtcca	gatcattcca	gttaatccgc	60
ccagagcccc	aacagcacag	gtgttgctat	atttttgggt	tgaggaaact	agacccaggg	120
aagtcacggt	actttgcccc	aagtcacccc	gatgtcaagc	gttagagcaa	gaatttgaa	180
ccagagcctt	aactcttaac	cattttgcta	actggctgtc	tctccaggcc	cccatcacc	240
tttccatcac	cctccccctg	cccaggggca	ttctatcaga	tggcagggtc	ccctcgcgtt	300
ggctcagcat	ctccaattta	aagcttcatt	gatctccctc	ctgttgaagg	ctggggaagg	360
atttcccatc	tcagaaactg	gacaag				386

<210> 1246

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1246

ctgtgtctct	ttttctcttt	tgtgaaccag	agattgaata	ctaggatagt	caaaagcaac	60
tacatataca	agaaaaattt	gaaagtcatt	gtgcatgcc	agggaaagcc	acaggctcag	120
aaaagacctg	agaagacctt	aagtttacag	ttcagcctaa	tcttcagaaa	agaggcagcc	180
tacaacaact	acaaacaata	aaacaacagc	aacaacaaca	aagcaaacag	caagcactga	240
ggaaatggag	gaaatctgat	ttccagagat	acaacactat	taggttcaga	agctcaattt	300
aaaaacaaat	atcacaagga	gcacaaagga	acagaaaa			338

```

<210> 1247
<211> 376
<212> DNA
<213> Homo sapiens

<400> 1247
cgttgctgtc gggaaaaaatg tgggggtgtac cagggggaaga ctccggagtgc gatggcggcg      60
caaatcccaa ttgtggccac cacttccact ccgggaatag tccgggaacag caagaagagg      120
ccggccagacc ctctccacaa tggcagcagc ggccgggggct atggcgcacag taagaagaaa      180
aaagcgtccg ctctccagctt tgcgcagggg atccagcatgg aagccatgag tgaagaataaa      240
atggtgcctc ctgagtttag cacaggacct gtggaaaaag ctgccaiaacc ttgcccattt      300
aaggatccca accttgtgca ctctggccac ggtggcgcaag tagctggcaa gaagaacaga      360
acctggaaga acctgg                                     376

<210> 1248
<211> 339
<212> DNA
<213> Homo sapiens

<400> 1248
caaatactta ctgaccactg catggcaggc tctatgttga gcaactgtgaa tacagaagtg      60
catcttgata tggggattcg aactgcatgg agctcacacc gtccaacca gattgacgta      120
cataataggt ccttgactaa aaaaatctca gaggctgccca ggcttagtgg ctacacaccta      180
taatccagc accctgggag gccgagggag gcagatcacc tgaggtcggg agttctagac      240
cagtctgacc accatggaga aacctcatct ctactagaaa taaaaatta actgcgtgtg      300
gtggcgcatg cctgtagccc agctactcgg gaggctgtg                                     339

<210> 1249
<211> 337
<212> DNA
<213> Homo sapiens

<400> 1249
ccgcaggtg gaggagacaa ggtctttact gttcaccacg gggetagggc tcttccactg      60
gtccctgaa tccccatgct ggccaccaag ggaaggagct attctgcag ctggacaaat      120
gaggaaacag aggcacaaag cattctagca ttgtctcaag tggcacagca gtaggaaactc      180
tttccctggg ggccggccca ggagtatctt gtcccatgga gaactggaac agcatcagga      240
cagtgagcga cgaggacga ctggcaggtg tacatttaga agactgaact ttgcccggcg      300
tggttgctca cgcctgtaat ccagcactt tggggag                                     337

<210> 1250
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1250
atcagatagg gtgcagaaca actgatccag acatatatac cgaagtgttc atgaaataaa      60
gcgtagaagt tagtgacga atttgttctg ggcgtttgtt ttagtattcc agcattttgt      120
ttctattgct aactgatgag aaatgcttta aacacataaa catgttctga tgtgtatgtg      180
tgagacttgc gtttcccaac gttgcataaa ataagcacia ataagtgtaa aatagtgtaa      240
aataactgca aatagcttta tcttacacag aaagacaggt gaacagctcg tctttaatct      300
taagcataac atttgttttg gtaattctat aaagattgct tcttgacatc tttta                                     355

<210> 1251
<211> 268
<212> DNA

```


<213> Homo sapiens

```
<400> 1251
aaaacaaaaa aaaaaaaa aaaaaggggg ggggtttttt tctggaaccc ccaccgataa 60
aaaacttttt ggggggtggg acaaccccc ctttaaagg ggggaaaaaa ggggcttttt 120
ttgaaaaaatg gggacgtttt ttgttttttt ggcacccttt aaagccccc taaactgggt 180
aaaccccccg cctgggcttt tttttttttt tcactgtcca ggggaggggg ggggagtttt 240
gtccctcca gcagccctt ttttctg 268
```

<210> 1252

<211> 291

<212> DNA

<213> Homo sapiens

```
<400> 1252
aaaaaaagct taatagtc atatatatg ggattttttt caaagaaaaa caccacaaata 60
gaaacatgta taaaggaat taaaaggaaa tcaccaaaaga caaaataaga aacctctcac 120
aaaacagcac attaaaatga gacatttttt gggtgggctt ggtggctcac gctgaaatc 180
cgacaccttt ggcaggccga agtggctaga tcccttgagg ccagggtgtt ccgacgagcc 240
tgccaatat ggcgaaaccc ctctttacta gaactaccga tattaccag g 291
```

<210> 1253

<211> 342

<212> DNA

<213> Homo sapiens

```
<400> 1253
tgcattcttt gttattctt gtgaagttag tcagtttcaa ctttgccttt gtgcttatgt 60
gtcattctct gctctttgat gttcaagtct atattgggtc cagactctgt tttatttaat 120
ctgtttgttt tctttctaaa aacatattct atattccgt tcaagagtgg agctaaactc 180
acaggatttg ggaataattc gattatttcta gccatacac agaatgccca ggacaaggaa 240
gacaccactt ctctgaggaa ttgtgccaa aatacaagtc ggtgaagtca gcctgcacat 300
gttgaatggt tacaatgtgc caggctactt catatactat tc 342
```

<210> 1254

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

```
<400> 1254
cgtgtcgtgc ggggggatgc acaggacact ctgtgcctca gttttcttat ctgtaaaaatg 60
gggcaaatat ccaccaagtc atagggttga tgtaaagtct agttgagata atggagggtta 120
attctttttt tttcttaagc ttaatttttg gatccatttt gtgttgattt ttgtatatgtg 180
gtgtgtaatt tcttagaagc tagaaagtta ttaaatgctg cttatgagcc aaatactgtg 240
ccaagggctc tgtccagatc attccagtta atccacccaa gaccocaaac gcacaggtgt 300
tgctatatatt ttgtggtgag gaactgagac ccagggaagt caccggtactt tgcccaaaagt 360
caccocgatg tcaagcgtta gagcan 386
```

<210> 1255

<211> 382

<212> DNA

<213> Homo sapiens

```

<400> 1255
tacgggttcg agaatcacg agaaggggcg tgagctactt tttttttaa cagataatca 60
acagggccaa agcaattaag tcattttccc agtcacttgg ccaataagca gcaagtcaat 120
gaccagaaca aattatacaa ctttcatctt ccataaactg atctaagcct accaaaaaaa 180
cgatgagac tagacagaag aaacagtgct accttcaccc cgggtcatct agtcaagaac 240
tagcgaagaa ccatatgtaa cagaatctta ggaccacagg ctacagtgcc atggcacaaa 300
catggctcaa tgcagcctca acagcttggg ctcaagcaat tctccaccct cagcctccag 360
agtagctggg gctacaggca ta 382

```

```

<210> 1256
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (343)
<223> n = A,T,C or G

```

```

<400> 1256
gataggcctg aagaacacag ggcgctgcat ttagaaagga ggcgggggtca gaggaataga 60
aagggatagg gctgaagaac agaggtcgct gcatttagaa aggagggcgg gtccagaggaa 120
tagaaaggga cagggtcgaa gaacacaggt cgctgcattt ataaaggagg cggggtcaga 180
ggaatagata gggacagggc tgaagaacag aggtcgctgc atttacaagg gaggcgggggt 240
cagaggaata gaaaaggaca gggctgaaga acacaggtcg ctgcatttag aaaggaggcg 300
ctgtcagagg aatagaacgg gatcaggctg aagaacacag gtn 343

```

```

<210> 1257
<211> 338
<212> DNA
<213> Homo sapiens

```

```

<400> 1257
gtcgggtgtg acagtgaaaa atatcttcag acattgccaa atgttcctgt ggaggcaata 60
tcaccctccc ttttctgccg ggtagttcta tgaatttttc acagcagaat ttctctttcc 120
atatctccat gggcattaga gaggtagaac atcagcattt accagacata ttgtgactata 180
agtcctctat tgtaagtca gagaagtcgt aggttataaa atcattccct tctctctcaa 240
agagaagtga aatccttata ttgtagagat caccaggttt tcatagtcag acatttccac 300
tttgtctggg tttttaaaaa acctatcaga gaaaacta 338

```

```

<210> 1258
<211> 317
<212> DNA
<213> Homo sapiens

```

```

<400> 1258
gacctgggag aagctgacaa tgaaaatgat cggctttttt tttttttttg gagggtgggc 60
ctcttttttc ccccgggtct gtatttccca cattgcatat tgaagtaaaa tgctcctgtc 120
cctgctgctt actagtgtag tgatcatacc ccggcatcct gcttggggaa caaacatcc 180
caataacctg ctagggcaaa ttggcacaac ctaaaaaaat atgagccacc cgatttaca 240
gattccttac cagcaaaaag aaactccgca tttgtgacc atttaaaat tggggctata 300
gctaccccaa cagcccg 317

```

```

<210> 1259
<211> 338
<212> DNA

```

<213> Homo sapiens

<400> 1259

catcatatatac	tcattggcact	aaaccacagg	aaattctaaa	atttctagca	gtatttctgg	60
taatctaaat	aatatataata	aaagtgtgtg	tgcgcgtgtg	tgtaggctct	ttgttaaacc	120
cttgtacatt	tatgattcgg	ggcgggaagaa	ttctttgctt	tagaaactat	cttggttcta	180
taatttttaa	aaaaatcctg	tcttttttct	gtttaaaagg	caatacttat	tcattttttt	240
aaaaaacagt	gacagtaaaa	agttaaaaaa	taagctaagt	agggactaag	gaaagagtaa	300
aggtcaaggg	tatctatact	gattaaagaa	tttttagg			338

<210> 1260

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1260

gtcggcgtat	ggagaccagg	gggcagccca	agtccttttg	aaccaagcag	ggagggggtt	60
tcagggtcct	tccagtgacc	caagggagga	agggctgcgc	tgagatgtgc	cactttcagg	120
cagagagaga	gagaaaagatc	tgggggtgag	gggtactaga	cctctggatc	gggtgtcatc	180
ggctcgtctc	ttggcatagt	ttcagaccgc	attttctggc	tgactttcag	aactacagta	240
ttgtctcaaac	tctgctgtgc	tcagagcctc	gtaggagAAC	tggtgagaat	gcagatgcc	300
aggccctaac	cctggagatt	ctaattcaca	aggctaggga	g		341

<210> 1261

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1261

acgacagaag	gggtgttggt	ttgttccaca	tttaggatca	ttttccagg	ctagattttc	60
agatgtggga	ttatgggttc	agatattggt	tacacatttt	tatagttctt	aatacagatg	120
gccaaattgc	ttttctgaag	agaatctttt	cttaagtatt	tttctccaac	ttgtatctta	180
aacatcctga	acatgcttag	caccactgtc	ttgatataat	tgcggaaagc	cacgtctgca	240
cttttttagtg	ttgtgggccc	tgggataggc	aggcattctg	tgtctgtctt	ttgtagctgg	300
acgtaaaatt	tcttttttct	gctgggcgcg	tgggtttttt	cccgaatg		349

<210> 1262

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1262

tacgggttga	gttgacgaca	gaagggaaca	cattaaaagc	cagagttcag	ggatatcaga	60
gtcagatata	aaatgtttacc	cttcaaatgc	agagagcctt	gaggttatgt	gtggaataacc	120
cacgaggagg	aagtcccttaa	tcagttatct	tgcgaaagact	cagcagaacc	tgggcataaaa	180
cccgactttg	agcaaaacact	aagacaattg	ctcctgcgaag	aactgtctcc	tctcaatatt	240
tggagtatgt	cagatacagc	agtgcccttc	agaattgtgc	taacatccct	aaagaatttg	300
aatatgccac	tcttttttct	tgatttataa	ttttcttact	gttgacagat	attaatttaa	360
aaagatgttt	aaagctgttc	atg				383

<210> 1263

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1263

gagggttcat	ttgtggcgag	attctctccc	aggccacaag	acatttctctg	ctcggaacct	60
------------	------------	------------	------------	-------------	------------	----

tgtttactaa	ttgtaagtac	tttacaagta	agaacttgtt	ttaaaaacct	agcattcaaaa	120
aaaaaagctt	ctttttaaag	atattcgatt	ttcttggttt	ttttcttagc	atgttatatt	180
ttgaggttca	gctaaaaagac	taaggttttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaatcca	acaattttct	gctaagcatt	ttgccagatg	ccaggctttt	caaaagtagtg	300
taagatccca	gccttgaatc	ctcatcaatt	gtgcttttct	gctgcaaacac	ata	353

<210> 1264

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1264

gataggggag	agacagaagg	gaggaaaaga	ttttctttaa	ggagagcaag	aatcaataact	60
atgaaagtca	atttccttat	tcaaatccaa	agagaaatct	tgtaaccaaa	aatgggagaa	120
ctactgaaaa	gtcagaagta	aacagaagac	tggagtagac	agtggaggac	aaagataaaa	180
ggagagagaa	gattcaagac	agtcctccca	ttttatttgg	cttttagctg	tgctattgtg	240
gagtggttag	atttgtttaa	aggctcaggg	tctggccggg	cgcgggtggt	cacgcctgta	300
atccagcac	tttgggaggg	cgaggcaggt	ggatcacgag	gt		342

<210> 1265

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (374)

<223> n = A,T,C or G

<400> 1265

cggtgctgtc	gcacgaagcc	ttggaaagca	tactttcacc	ccaggaaaacc	ttaaaagaga	60
gagatgaaaa	tctcctcaag	tctgggtaca	ttgaaagtgt	ccgcatattt	ctgaaagatg	120
tcagtggagt	gcgagctctt	gaaagtgtgt	ttcaaatatg	aaccttaaac	tatataggct	180
tgctggactg	tgtggctgag	tatcagggca	agctctgtgt	gattgattgg	aagacatcag	240
agaaaccaaa	gcctttttatt	caaagtacat	ttgacaaccc	actgcaagtt	gtggcatata	300
tggtgtccat	gaaccatgat	accaactaca	gctttcaggt	tcaatgtggc	ttaattgtgg	360
tgccctacaa	agan					374

<210> 1266

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1266

aagactccat	ctcaaaaaaa	aaaggaagga	aaaggaaaga	aaaaaccctt	ggaaaagtag	60
gggatttttg	aaaaaatctt	cccattttca	ttaaagagat	ggacatataa	ttttaaaaaa	120
ttcaaatacc	ctatgtaaaa	tgtatgttaa	aacacccttt	gcaaaaaacc	aaagtattca	180
aattttttag	gggtcatggca	aaaaaaaaaa	atattaaggg	cagttaaacga	cagggggcag	240
gccacataag	ggggaaacta	cttcaaaact	acagggaac	tctcagcaat	atcccacagt	300
caaaagactt	taaaaaacca	tattcagcat	ttttt			335

<210> 1267

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1267

ctttgtttta	gaacgtattt	gctcttcct	agaaacagac	tcagaaaaaa	aagaactatt	60
ttctctaaaa	tttaaaaaaa	tattttctca	aaagtgaac	ttggatatgt	aagggttttt	120
gctaaagctt	tgctaacatt	agtaaatgca	atgaatagga	atataatgaca	ttagaaatag	180
taataccaaa	taactgtgac	tagtgcaact	tcaaaataaa	tttcattctc	ccacaaagct	240
cacaaattgc	cttttgcctt	aagatctctt	tttgttgtgt	ttacattttc	tagagcattg	300
tatatctgc	ctaaaaataa	tccaattacg	ttaacaacat	ttaataaaca	ttttctctcg	360

<210> 1268
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (358)
 <223> n = A,T,C or G

<400> 1268	ggacatgaag	aaagagcttc	ctgcaattca	aggactgtac	aaagctgaaa	cgagagagatt	60
	ttcatattat	ttgggagact	cagaaatgag	cttttaagga	tggttccttga	cttgcgggtc	120
	aataagcgca	caatgggtgaa	gaaaaggctg	ccttctaagt	acacgggtgt	ccgggtttgag	180
	actccgggca	gcaccaagaa	ggccaacgtg	gaggcctcac	gcagctccac	agacagcccc	240
	agctcgggtg	tcctcagctc	agaggctgag	aatgggtgtg	aggagagana	gaaagcctag	300
	cggtcgtcct	catctgcaata	ccatagccca	tttgtgtagg	cggagtctcc	agaccaga	358

<210> 1269
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1269	tatctcagag	agtactggga	ttctgaaagt	gaaaggggta	taccagatta	aagtatggga	60
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	atgaaaatgc	tgaattgaag	agcaagatt	ggacaatgga	gaatgtttca	gtttatcaat	180
	attggtgcac	tcttccatgt	aggatgattt	aactctgtga	tatgtaccct	ggaagattga	240
	agaaatatta	cgactatgta	ggatcttggg	cactagaagc	ttgctgaaag	cggattccac	300
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<210> 1270
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 1270	atcttgggga	aggttaaaga	cacctggaga	atgaaatctt	ggattttact	ttcctgaaag	60
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	tgcccatact	gtacctgtgg	ttttattgtc	gtcctttttg	ggaacaagca	ggatataaat	180
	cagtcagtga	aattttagaa	tgtagctctt	tggtctagca	tctaatgata	taaagaagaa	240
	atgggcactt	aataaagtgc	ctcggaggct	tgtgatttgc	atggggctcc	caatgaaagg	300
	taaaagtctt	gcttagaggt	tacacacacc	gaatgcaggg	tggctc		346

<210> 1271
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1) ... (350)
<223> n = A,T,C or G

<400> 1271
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gcacaaatgg tgaagaaaag cgtgccttct agtgacacgg ttgtccgggt tgagactccg    180
ggcagcccaa ggaaggccaa cgtggaggcc tcacgcagct ccacagacag ccccgactcg    240
gtggtcctca gctcagagcc tgagaatggt gtggaggaga aaaaagaagc ctgcagggtcg    300
ccaacagccc aatcccctac cccatctgtg gaggcggact cccacagacn    350

<210> 1272
<211> 325
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (325)
<223> n = A,T,C or G

<400> 1272
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tccttaggta gggccagact gcaggcgacc agagagatgg cccaggccta gggagggttg    120
aggacgggga caggtgcagg gccagcatcc ccaccactgc ctggcagctc cccagtaatg    180
cagatgtctg gtggcttctt ggagaggcca caatcctggg ggaggtgtgt ggaggttanc    240
cncnnntcnt tnnnnntaag gcccacnaag tttcaggccg cgtggccaga ggaatgagct    300
gagcatttgt tgtgctgcat gtaga                                325

<210> 1273
<211> 386
<212> DNA
<213> Homo sapiens

<400> 1273
cgttgctgtc gccagagctt aactcttaac cattttgeta actggctgtc tctccaggcc    60
cccatcacc cttccatccc cttcccctgc cccaggggca tccatcaaaa tggcagttcc    120
ccctctcggt gccctcagcat ctccaattta gagctctcat gatctcctcc tgttgaagtc    180
atgggatgga ttcccatctc cagaaaactgc acaagaacaa accttggagt ttgtgaacaaa    240
ggatattcaa ggagatttca agaattgaatc ttcataatcg tggctcatgag acatgagaaaa    300
aaaggtgtct accacgtctt gtctctactc ataaagaaca ttggccaggt gcggtggctc    360
acgctctgta tcccagcact ttgaga                                386

<210> 1274
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1274
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ctcccaagct atggcacacc aggaagccta tccaagctga ggacccaaga caagttaaaa    180
acaggttcaa cggaaaagcc tgagaatcac tggcccatcc tgtaccocat cctttaaaaa    240
taataccagg ctgcgcacgg ttggtcacgc ctgtaatctc aacactttgg gagggtcaagg    300
caggtggatt acttgaggtc aggagatcga accagacctg gccaaactagg g    351

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<210> 1275
<211> 359
<212> DNA
<213> Homo sapiens

<400> 1275
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ggaaaaaggg ttgcactttg tttccccggc tgaagagctg ggctgcacca ctacactaat      180
gttacctcta cctcgcggtg ggaggtgtct gtttggctca catccctgag tgacttggat      240
agcagtatgc tcacctccgc ctctgcctca tttgggtgatt ggatcaacca cgggttttatt      300
gtcagattgc ccaactgggg gctatgcttc tacttcccta cagtcctctt aatcagttg      359

<210> 1276
<211> 201
<212> DNA
<213> Homo sapiens

<400> 1276
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acatccacac aggtgagcac agtcgtgtgc acctgcacgt tacacaggtg aacttttctc      120
atccaggcct gaggtttcca ctgcatctta aacacttagc cgaggtgtgt caggaccagc      180
aatgttgtct ttggcgccct t
aatgttgtct ttggcgccct t                                201

<210> 1277
<211> 340
<212> DNA
<213> Homo sapiens

<400> 1277
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aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc      120
caaaggagcg cagcaggcct aaaagtattc tcaaaactaga cggatgatgt ttaatgaaag      180
atgttcaaga gatagcaact gtggtgtgtc ccaaaaccaa acattgccaa gagaaaaatgc      240
aatgtgaggt aaaagatgaa aaagatgaca tgaaaaatgga gactgatatt aagagaaaaa      300
aaaagactct tctagaccag catggacagt acccaatatg
aatgtgtgct ttggcgccct t                                340

<210> 1278
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (352)
<223> n = A,T,C or G

<400> 1278
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aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc      120
caaaggagcg cagcaggcct aaaagtattc tcaaaactaga cggatgatgt ttaatgaaag      180
atgttcaaga gatagcaact gtggtgtgtc ccaaaaccaa acattgccaa gagaaaaatgc      240
aatgtgaggt aaaagatgaa aaagatgaca tgaaaaatgga gactgatatt aagagaaaaa      300
aaaagactct tctagaccag catggacagt acccaatatg gatgaaccaa an          352

<210> 1279
<211> 386

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<212> DNA
<213> Homo sapiens

<400> 1279
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gggcggctgtc tagggctggg gaattggagtc gtgtctggcca ccccggtggg gactgtattg 180
gaaggcagcc cagaatgggc agcggcgagg agtgaacacc tggctgcagc tgacggcctg 240
caggaaggag gcgaagatgg ccccgaggaa ccaaaagggc ttgtccgacc cccgggagag 300
ggagaggtgg actgggaacc cctggccaaa ttccgagcag cctgcggggc agagctggca 360
gacctggtgg ctgaggagtt ggcctt

<210> 1280
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1280
gagcggagcc cggagcgtcg tggaaagcat tggacacatt tccaccatgc taatggcatt 60
ttaaataatat ttggcaattt tcccaatttt ttactgaaga aaactgtaag tttatacttg 120
aggactgaag ttgtaactctg ccgattatca ggctttcaag atgaactcg aaaaactcag 180
caagcctgtaa ctctcgacac tatttagtat tcttgaagga aagcttgaag caagggacct 240
tggtatatata gcctttaaag cccaacacag atatactttc attgaagaa gctatggaaa 300
atataacatc agtgatcctt taatggttct acgagagatt ttgaacactg aagagaaaaa 360

<210> 1281
<211> 352
<212> DNA
<213> Homo sapiens

<400> 1281
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gaccaggcct gtctgtgttca cctgcattgga atcttctccc tacttaggca ctgccaggcg 120
gacctcttc tggatgagaa gggcagggca caatgtctcc tccagagaga gatggtacag 180
tctctggagc agcaggtaat gccaggggcg tggagggtta gggataggga tagtgcgcaa 240
aacctctctg ccaccatgtg ccagaacca agttcacctg ggacgagggc tgggtataaag 300
gaaagaagag gagcgggcac tcccagggaa gaccgtagcc tgggcaaaaga tg 352

<210> 1282
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1282
ggagcggagc ccggagcgtc gtggaaagca ttggacacat ttccaccatg ctaattggcat 60
ttttaaataata ttggcaattt ttcccaattt ttactgaag aaaactgtaa gtttatactt 120
gaggactgaa gtgtgactct gccgattatc aggccttcaa gatgaatctg gaaaaactca 180
gcaagcctga actcctgaca ctatttagta ttcttgaagg agagcttgaa gcaaggggacc 240
ttgttataga agccttaaag gcccaacaca gagatacttt cattgaagaa cgctatggaa 300
aatataacat cagtgatcct ttaatggctc tacagagaga ttttg 345

<210> 1283
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1283

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ggagcggagc	ccggagcgctc	gtggaagca	ttggacacat	ttccaccatg	ctaattggcat	60
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gaggactgaa	gtgtgactct	gccgattatc	aggctttcaa	gatgaatctg	gaaaaactca	180
gcaagctgga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaa	gccccaacaca	gagatacttt	catttgaagaa	cgtataggaa	300
aataatacat	cagtgatcct	ttaattggctc	tacagagaga	ttttgaacaa	ctgaaggaga	360

<210> 1284
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 1284						
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caactcctgc	tttctctcca	tgtgtacaca	atgtgacagg	gacggggtag	ataagacatc	180
tccttcagg	gaacacagcta	cctcatccct	ctgtagtgtc	acaaacacat	ccatgtgac	240
atcagagaag	ataacagtga	caacctccac	aggctccact	cttggaacac	cagggggagac	300
atcatcagta	cctgttactg	gaagtcttat	gccagtcacc	tcagcagcct	tagtaaacagt	360
t						361

<210> 1285
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 1285						
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aacagaagcg	atttcagcag	agcgcggcgg	cggctgtgct	catccagcag	cactaccget	180
cctaccgcgg	caggcccgcc	cctccccacc	ggacttcggc	cacctgcctc	gcccgaacaa	240
aaggctcctt	ttccaccaag	aagcaggacc	aggcagcccg	gaagatcatg	agattcctgc	300
ggcgctgccg	acacaggatg	agggaaactga	agcagaacca	ggagctggaa	gggcttcccc	360
agccgggact	ggccacatg					379

<210> 1286
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 1286						
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aacagaagcg	atttcagcag	agcgcggcgg	cggctgtgct	catccagcag	cactaccget	180
cctaccgcgg	caggcccgcc	cctccccacc	ggacttcggc	cacctgcctc	gcccgaacaa	240
aaggctcctt	ttccaccaag	aagcaggacc	aggcagcccg	gaagatcatg	agattcctgc	300
ggcgctgccg	acacaggatg	agggaaactga	agcagaacca	ggagctggaa	gggcttcccc	360
agccgggact	ggccacatga	cctg				384

<210> 1287
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1287						
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atcatgatg	acatcagaga	agataaacagt	gacaaactcc	acaggctcca	ctcttggaag	120

ccacggggag	acatcatcag	tacctgttac	tggaaagtctt	atgccagatca	cctcagcagc	180
cttagtaaca	gttgatccag	aaggacaatc	accagcaact	ttctcaagga	cttctactca	240
ggacacaaca	gctttttcta	agaaccacca	gactcagagc	gtggagacca	ccagagatgc	300
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<210> 1288
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1288						
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gaagtgaaaa	ttttcagatg	tccatctcct	atctactttg	caaacattgg	tttcttttagg	120
cggaacctta	tcgatgctgt	tggcttttagt	ccacttcgaa	ttctacgcaa	gcgcaacaaa	180
gctttgagga	aaatccgaaa	actgcagaa	caaggcttgc	tacaagtgc	acccaaagga	240
tttatattga	ctgtgtcac	cataaaagat	tctgacgaag	agctggacaa	caatcagata	300
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<210> 1289
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(301)
 <223> n = A,T,C or G

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gaaacaaga	tggtgagat	aataacccat	ctatcctgtg	tgtggtgtt	ttttctcaga	120
atgagggaga	agctataaag	caaatatctt	tatctttatt	tacaataact	cataagta	180
ataaacactg	acttggtct	tattataact	gtatctagg	taccatgaac	tttgagtgc	240
tgagtgaaga	tggcagacc	atactgtatc	taactataga	cactttttga	ccaataaaca	300
n						301

<210> 1290
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 1290						
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aaacctacaa	cagcttagaa	tacatttgtt	ttaaaatgtg	attaaattat	tataataaag	120
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<210> 1291
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1291						
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aataaaaaatg	ctatctttca	tttatccgta	tgctctaaa	tgctctcttc	aagcggaata	180
aaaccacttt	gtttaacaca	gatttttcc	tattgttaatt	agaaatgcag	atggaaagac	240
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313

<210> 1292

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) .. (332)

<223> n = A,T,C or G

<400> 1292

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cagattaagg	ccgggcgtgg	tggctcacgc	ctgtaatccc	agcacttttg	gaggccgagg	180
tgagtggatc	acctgaggtc	aggagtttga	gaccagcctg	gcccaacatg	tgaaccccg	240
ctctactaaa	aaatacaaac	attagcaaga	tgtgggtgca	cgtgcctgta	atcccagcta	300
gtanggagcg	tgaggcaaga	gaattcngt	at			332

<210> 1293

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1293

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gaactttttt	ttccacacata	tgggtacctg	taagttaata	tcatcctctg	taattattat	120
atagcaatct	ttagataaac	tgatttatta	gttgctctac	aattttatac	tagtaccagg	180
gatggatata	aagaatagaa	acaggtacag	ctgtggagaa	tgcaaccatt	taagagtggg	240
acagaagtta	tctctgcaga	ctgtctggag	aataaagaaa	caaaggaaca	gaagctactt	300
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<210> 1294

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1294

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cttttttaac	cttttacttt	gaataattca	aatttataga	aaagtggcaa	taactggcca	180
ggtacagtgg	ctcatgcttg	taatcccagc	actttgggag	gcccaaggcg	gtgtatcacc	240
tgaggctcag	agttccagac	cagcctggct	aacatatagt	gaaaccccat	ctctactaaa	300
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<210> 1295

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1295

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cttaaaatc	atttgtctct	acctgtcttt	tagaaggcag	tagtatccct	actctcagaa	180
cttaaaaatt	aagcaaaaac	catagatact	ggaaaagtcc	ccttagcatc	tccccttagt	240
aatgcctctc	gagaataaaa	gtttagtcca	aattccagta	tttatcaaat	tcaactgggc	300

agaatgccg gcttctaacc attg

324

<210> 1296

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1296

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caccgcgtga	gccaccagcg	tgagccactg	cgccagccca	aaagctttta	cacatctttg	120
aaaagctctc	tgtgtgataa	ccattttgtt	tcttatatat	gataaaagct	ttaactctgtt	180
agataataag	aaaattctga	agaataacta	tgattgtgct	acataatta	atcaattatt	240
ctctgcccaag	aattgcatat	aacataacta	ataactaatat	taaatatatc	tttcttttcc	300
ttcaattatt						310

<210> 1297

<211> 308

<212> DNA

<213> Homo sapiens

<400> 1297

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ccatggggga	ataattacgt	tttaactata	aagctgcgta	aaaatcaaac	tcgcgaagaa	180
tataattaca	accagctttg	aaactattaa	ttttactttc	ttttatagat	tttcagtgc	240
tccttcacaa	ggaccaatta	tttttaaaag	agttatttta	atgtagtta	caatagggtg	300
aatttaatt						308

<210> 1298

<211> 207

<212> DNA

<213> Homo sapiens

<400> 1298

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aagttctctc	aattccttga	ccccaacctt	tgccccataa	gaaacctccc	catgaccctg	120
accctgacag	agaactggcc	gtgaaaattt	ttgcattgac	aacagatatt	ggaatgcagg	180
gtttccctat	ctacttcagg	cccccttg				207

<210> 1299

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1299

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tttttcacat	gacctacaaa	ttctctgaat	atttggtctt	ttccacttct	ccagcatcat	180
cgctacaaat	cattactaca	tccttttctc	ctgcactga	cagcttcttc	caagcttttt	240
tctgcctcca	gccccttgaa	ttttctcttt	ttttttcttg	atcttgacat	agctgagctc	300
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<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

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tgtggatattg tgtatgtata ttaaagatat aagtaagaat tttggaatat gaattatatt 240
ttggtttaaa aaaagagggg agtttttagtt gtggttagta tgtaataaaa ttgggtttaaa 300
aattaggggtg aagtgggggg ggtattttgt tag 333

<210> 1305
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 1305
cacttgtttg taaaaggcaa gcagaacaca cagaaagata attgagttga atttttagcag 60
tatgctttct gctacacat taaagaataa attattaaga cagaatccac agacccccac 120
aggatatattg aacgtacatt tttctgatga gatagcacia cactttgagg agatgctcag 180
agaagttcat gaacctttgac aagcaatttc tgcattaggg aatatacttt aagattttat 240
tctcagaata ctctcaaaata agctataatg gtaacaattc cctaaattca aggattttctc 300
atgaattatg ccn 333

<210> 1306
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1306
aatgaccaca tttcacaaat gaacagggga tattatttca tactataata ttatttcaaa 60
ctataataaa gaactggctc ctgtagaaga gaagggaaat tattttctat gatccaaaaga 120
attgaaatac atatcagttg tagtaagatt caattgtagt agcaaaaaaa attggaaact 180
attttaaagt gcatcaatac aggaaaatgg tgacatgtac tgtaatacat ccatacaaaa 240
gaatactgtc ggccattaaa agaataaagt acatccctgg ctgggtgtgg tggctaacac 300
ctgtaatccc agcacttttg gagggctgagg g 333

<210> 1307
<211> 333
<212> DNA
<213> Homo sapiens

<400> 1307
atttttaacag caaatatctt tctttgttag tgatttaaat cagctgacta taccttgctt 60
aaatccagct tctcacaaaa tagaataaac agcacatggt tttatgattg caccaaatga 120
ttcttaaaaa ttttcccttt gataaatatt gtttctacct atgtagacat aatgtggcga 180
tttggagagt gacattagct tatgatcaaa taggattcca tgactgaaaa cagaagggaag 240
atactttctt tcttttcttt tttctttctt tttctttact ttcctctttt ttcattggagg 300
tgtacttttg ctgccagggc tgggaattgag tga 333

<210> 1308
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1308
tcgaactcct gaacctcaggt gatccacctc gcctcagcct cccaaagtgc tggggattaca 60
ggcatgagcc accatgcccg gcctactctt taataagtgt aaaatatctg tgatgaaaca 120
acttagtctt taatcaaaaa atataccgta ctgtatctta tttttttaaa aaaatccaaa 180

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tttattaaag ttcagagtaa tagagtttga ccaaatttca ttagcctttc taaaacacag 240
aatgatgtgg aaaacataaa gggattacga taggggaatct cacttaagat ccaaggtaat 300
tttggaataa aactaaaaat tttcttgc 327

<210> 1309
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1309
ttagcaaaa ggcctcttgc catctatggg atcatttaaa aaatgttttg ggggacttaa 60
ttataattct cctctaagct tttgaagctt agctaagact attacattatt ctcttggggt 120
ttgtaccac catgtgctag tatgtgacag atgttttagat ggctgtgacc aggcagactg 180
gtcacttcaa aacttgtttg agccatatgc aagagaaaac ataattgtcg gacagaaagc 240
tgaaaaatgt gtaaacataa aaattaatat ggtaagttat gaccaacagt attcttttta 300
atgagataaa ataagtatat cagaatacat tgaac 335

<210> 1310
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1310
gagttttcat ttgtggtag attctctccc aggcacaaag acatttcttg ctcggaacct 60
tgtttactaa ttgtaagtac tttaacaagta agaacttggt ttaaaaaact agcattcaaa 120
aaaaaagctt tctttaaaag ttatttgatt tcttctgttt ttttcttagc atgttatatt 180
ttgagtttca gctaaaagac taagggtttc ttatctaat gctttaaatt tatacattta 240
gtcaaatcca acaattttct gctaaagcatt ttgccagatg ccaggctttt caaagtagtg 300
taagatccca gccttgaatc 320

<210> 1311
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1311
caaccttgac aaatagaatt ataggagctt acatgttctg attgatagat gaggcagact 60
tacaataaaa attataaaa gtagatagat attttatgct tgcattagaa aatatgtagg 120
ccaaccaggc agtggctcat gcctgtaatc ccaacacttt gggaggccaa ggtgggcgga 180
tcaacttgagg gtgggagttc aagaccagcc tggccaaaatt ggtgaaaccc catctctact 240
aaaaatacaa acattagccg ggcattggtg cagccgcttg tagtccagc tactcgggag 300
gctgaggcag gagagccgct tgaacctctg agtgc 335

<210> 1312
<211> 268
<212> DNA
<213> Homo sapiens

<400> 1312
aaccctttag taggagcact cttgaagaaa atctgcctta ccatctttaa caagagttta 60
aaaaactatt tttctttaaa aggtacttac tgatccagcc ctttataaga agaaaaaccc 120
ttagtcccca ttttctaaca gtgaatttat taggtttctt taaagaaaac aataataaaa 180
gaccagggcc aaattctatt taattcataa gaattctctc ctaatgaggt gcttcattcc 240
attaagctta aatcaaccca aactgaag 268

<210> 1313
<211> 125
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<212> DNA
<213> Homo sapiens

<400> 1313
tacgttcttc taaaacacat attgtgaatt aatagaaata ctattgaaaa attggaaacg      60
taatttgaaa tcattcaaaa gcaaacgcct ccacttgagc cctattagag gaatatgaac      120
aaaaat                                           125

<210> 1314
<211> 315
<212> DNA
<213> Homo sapiens

<400> 1314
atatctcata tactccataa atatatatac atactctatc cacaaaaatt aaaaataaaa      60
aaatagtaac aaagtttttc taaatttaat agtgtttttag aaattaaaag agaccacaaga      120
ataaaaaggaa aggtgaacta agagagatat aggttaaaaa gaaatataag agaaaataagc      180
tatgtaagag atacaggccg ggcgcggtgg ctacatacctg taatccaaca ctttgggaggg      240
ctgaggtggg tggataccct gaggtcagga gttcgagacc agcctagcca acatggtgaa      300
accctggctc tacta                                           315

<210> 1315
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1315
cttattgccc actcttacc aattgacaga gacttctgaa gataattcgc aattctaatt      60
aagggttttc gaacacagtt tggcgggtgg tggttttttg tggtgtgtgt tgcattgtgtg      120
tatgtgggtg tagtgatttc taaaatatat agttttaaac attgaacagt aaagggttagc      180
aatgatattc cttttttctc tgtgatttac tgtgctttct aatgttctac atttattgta      240
tattgacttt atagtcacag aaaacatggt atacaactat gtgatgtgat tttcgaaggc      300
acgcattaac ctatcag                                           317

<210> 1316
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 1316
taaacagcat catatagtgt ataatgaatt acaatttgtt attatttaac ggtgcaatta      60
gaactttttt tccccacata ttgggtacctg taagttaata tcactcctcg taattattat      120
atagcaattc ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg      180
gatggatata aagaatagaa acaggtacag ctgtggagaa tgcaaccatt taagagtggg      240
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt      300
ggaacagagg ttgtgatgga an                                           322

<210> 1317
<211> 337
<212> DNA
<213> Homo sapiens

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<400> 1317
 tggagggtgc cggaattatc tgggaagatct gggagcgtct tcaactcatic gtccggtgtc 60
 tgggctggat gactccacgg ttgtgcgcag ctggaggaca gctgaccoga gtgcccacac 120
 gtggcctctc tgtgtgactt gggcttcttc acagcatggg ggtctcagga caggcagact 180
 tctctgatga cgtttgtgtc atcaacaacg gcagaaggtg aatcaccttt tatgatctag 240
 actcagaagt tgcctctatg ctggagtcca gtggtgtaat tatagctcac tgcagccttg 300
 acctcctgga ctcaagagat actcctgcct cagcctc 317

<210> 1318
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1318
 tcatgaaata aagcgtagaa gttagtgcac gaatttgttc tgggcgtttg ttttaatat 60
 ccagcatatt ttttctattg ctaactgatg agaaatgctt taaacacata cacatgttct 120
 gatgtgatg tgtgagactt gcgtttccca acgttgcata acatagtcac aaataagtgt 180
 aagatagtcg aaaaataactg caaatagctt tatcttacac agaaagacag gtgaacagct 240
 cgtctttaat cttaagcata acatttgttt tggtaatcct ataaagattg ctctcttgac 300
 atttttaaaq aaaaaatgtg aaa 323

<210> 1319
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1319
 gaggttcatt aaattgtaaa aggtcactca gctctttaag tggaaagcatg tggattttac 60
 ataggatatt taaaaatctc ttacacagag cccagacttt ccaaggttta tctgtgtgt 120
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gctcaagttg agggccaggg tgcctcacct 180
 tgaagagag aggtcgtctg gggcaatata gatctaagcg ggggggatat agaattgaat 240
 acgcaatacg acaagaccta gcttaacttg tgaatgaac tatctctctg gtgtgacagg 300
 tgacacacgc ctgttattct agg 323

<210> 1320
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 1320
 ggtcagctgg aaggagcgtc tacaaaagaa tcttaatagt attccctata tcaatataga 60
 agacaataat ccacaggtat cagcagtagc tgtctttatt accaatagac agcattaaaa 120
 atgttgacat taccattctt gcagataaac tggatttata ttcatcaatt cattgaacta 180
 atcaatttta aaattaaagg caggcgtggg ggtccacacc tgtaatccca ccactttggg 240
 aggcgaggt ggcagatcca cctgagttgg gagttctcga gaccagcctg gccaatatgg 300
 cgaaatccca tc 312

<210> 1321
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 1321
 ggtattacat cttgttaaagt ggcttttccg gtatagcttt taactgcttg tggattatata 60
 atgtgaagga aagctctgatg gcattgatagg atgcttacta ttggaggtgt catgttataa 120
 tgctatctct 130

<210> 1322
<211> 267
<212> DNA
<213> Homo sapiens

<400> 1322
gagccctcct gggttaagcc caaaatttgg ggctccccct caatggatca gaactgtgtt 60
ctcagagggc aatttggaaa ccaactggca agtgaaaaat tttaacagtc ttacaaaatg 120
ttagcacaaa gctttcatga tctgagtagg taatcttaac tcatttcac tgccctctgca 180
gatgcaaaat ggatctcact tatttattta ttatatattt ttgagattga gtctgggtct 240
gtcaccacaga ctggagtgcga gaggcac 267

<210> 1323
<211> 334
<212> DNA
<213> Homo sapiens

<400> 1323
tacattgttc aggtcttctg tgtttctaac caggccccac tcaacctttg agctattcca 60
gtatgagagt gaattagacc tcccactatc acggtcttac tgcatttct catggcatta 120
gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcaggttcca 180
agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctaggttga 240
gcttcgggct cctgaccccc agagcagttt ccatttgcac gtgttgacca tattctctaa 300
cccgctccat aaaattgatt ctactatttc ctgc 334

<210> 1324
<211> 322
<212> DNA
<213> Homo sapiens

<400> 1324
gaatcaacgg ggagtgggtt aaggccatta ctgagaggca cagagctacc actaatgaag 60
ggggtgcgat ggcatagaga agccttctga acaactcagc tttaacatg tgcaagaatt 120
actttgacaa aaaaattaca attttctaatt ttaaaaaaaa attactaagt tattgggctt 180
atctaggctc tagattgggg gatatgaaaa tcatttcaag taattatctc atagattttc 240
atccccctga ctacaaggct acaagagaaa cctcccttgg gagaaaatga agaaaaatat 300
ttaataggga aacagactaa tt 322

<210> 1325
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1325
gcattctcat tactgaaaat ctaatttgtt tctcaaaatc ttcgctggaa atattgaact 60
ggagcagaga attaaaattag ctcaaaattca aatgtgggtt gctgtcatc gagcaaaatt 120
ggctctcttc ctgaatttct acaacttcct gtccattatt ttgggtggact ttctgagga 180
aagtggtaat ttgctgaaat caaacataa taataaatggc cccattttc taggatctta 240
agcaggtgga actgacttta ttcaaatccc agaggaaaga tgagacacag acttcggttc 300
tctgagctg cca 313

<210> 1326
<211> 332
<212> DNA
<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 1326
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cggggacgga aagcacaggg aggaaaaaatg gccaccagag ataacagagc agcctatgct      120
aattaatgat caactgtgtg tgggtttttt cttttccccc cctgtttatg ttectccttg      180
ttcctccctt ctccctagct tttcttccat ctccctccct aatttccatg ttcccatcc      240
cattttaaat ccccaacttt ttctccgctc cccaaatcct tctccactcc ttctccttcc      300
tctctctatc acttccctct ccccatctcc cc
332

<210> 1327
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1327
catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttctctgtga      60
gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga      120
aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaaca      180
ggcatcagct ttatagtaat aatcgtagag catttattct gcacttccta tatgccaggc      240
tttttactct ttatgaaca acatctcact tgtcacagct tgaggctgta agttgaatta      300
tgtgttgctt actaaagata ctggaaatta
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<210> 1328
<211> 331
<212> DNA
<213> Homo sapiens

<220>
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<222> (1)...(331)
<223> n = A,T,C or G

<400> 1328
ttagtatgct ttggaataaa ataggatttt aacctcoagg gaaaaatcaa ttgaaaaaga      60
aacttttctc aataatttat tcaattcaat ttaacttctc tctgccttta ccataatcaa      120
aattttctgg cactcaaaat tggaaatctga taaggctaag aaacaactt gactgatcac      180
acagcagaag tagctgtctt gaaacttttc tcatgtactt attgtccaca tgtatgtctt      240
cttttgaaaa atgtttatat tctttgccca ctttttaagt gggngtgttg tttgtttctt      300
atatatttgn tgaagttcca aataggaaga a
331

<210> 1329
<211> 330
<212> DNA
<213> Homo sapiens

<220>
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<223> n = A,T,C or G

<400> 1329
catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttctctgtga      60
gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga      120
aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaaca      180

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ggcatcagct	ttatagtaat	aatcgtagag	cattttattct	gcacttecta	tatgccaggc	240
tttttactct	tttatgaaca	acatctcact	tgtcacagct	tgaggctgta	agtgtaatta	300
tgtgtgtcct	actaaagata	ctgggaaatn				330

<210> 1330
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1330						
tcataaasta	aagcgtagaa	gttagtgcac	gaatttgctt	tggcgcttg	ttttagtatt	60
ccagcatttt	gtttctattg	ctaactgatg	agaaatgctt	taaacacata	aacatgttct	120
gatgtgtatg	tgtgagactt	gcgtttccca	acgttgcata	aaataggcac	aaataagttg	180
aaaatagtgt	aaaataaactg	caaatagctt	tatcttacac	agaaagacag	gtgaacagtc	240
cgtctttaat	cttaagcata	acatttgctt	tggtaatctt	ataaagattg	cttcttgcat	300
atttttaaa	aaaaaatgtg	aaat				324

<210> 1331
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 1331						
ggctctcttc	ggcggggcgc	agaggtgggt	acattcgctt	aaggacacca	gctcgcgaa	60
ttcgcgcttc	ggcagattga	aatcatggca	ggccacagaa	gtgctgcga	ataccagttc	120
actggtatta	aaaaatat	caactctttt	cctctcacag	gt		162

<210> 1332
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1) ... (329)
 <223> n = A,T,C or G

<400> 1332						
aaactatgcc	tatcttcaca	cacacacaca	cacacacgca	cgcacacaca	cgaacaccta	60
tttaggatgc	aggaatatg	gaataagaaa	cttttaaaag	aagcacagaa	gaaatatata	120
tttcaataaa	gggtcagttt	aagattgaat	tttgagagga	tggtgaaata	cacatgcaat	180
gaaactggaa	atagtaagt	aaaagccaga	cacaaaaggt	atttgggggt	tacataaatg	240
aaaattatta	caataaaagt	atatatggat	aagaattata	attaatggaa	catctatgcc	300
taanaaaaa	aattaaaaac	ctaaaaag				329

<210> 1333
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1333						
aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaa	gcacagtttt	60
atttcaaaaa	aagcagtggt	ttgctgtaac	acogttaaaa	actggaaaag	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaanaa	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaa	tataacattt	agttttctta	240
gacaccaaat	gaacaataca	aaatccctca	agggacttag	aacattcca	ttttctatat	300
ctgtggttct	aagtctgtta	ccaacttc				328

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<211> 195
<212> DNA
<213> Homo sapiens

<400> 1334
tcatgaagca taacatagaa ttgaatacct gtggagcaca aaacaaataa caaactatta      60
ttaatatcat tgaataaatt cctatgtttc ttccatgtct catgtgtgca tctttcctgc      120
atcctcactc acagaaaacc atttgtacgt ataatttggt tatcttgctc tctctcttaa      180
taattttatt accca                                         195

<210> 1335
<211> 330
<212> DNA
<213> Homo sapiens

<220>
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<222> (1)...(330)
<223> n = A,T,C or G

<400> 1335
tatggatagg gagaaagaga gagaaagagg gcaacacgcy cacacacaca cacacacaca      60
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aatcagccag tgggtatgag agggacaaaa attgggggat ggggtgtgca caggggactt      180
ttttttcttt ttctctcaca tctctggtag gaggaacttt tgcttttct ttagttgtgt      240
cttctatttt gttttctcag gaaatggctc agcacagtat ttctttaaga taggttcttg      300
ctttgtcacc gaggtcggag tgcannggcc                                         330

<210> 1336
<211> 308
<212> DNA
<213> Homo sapiens

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<222> (1)...(308)
<223> n = A,T,C or G

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gaatgagtct tggaaatact taggagaaga gaattccagg gcagcggaca agcaatgcag      120
aggcagaagc ataccaatTT gtggaagtgt ttggagtgca ccagagaaga gaagcagaaa      180
agaggtaatt ggggcagatc tcaaaagcct catagatcac tgtgttatcc tacagaaatc      240
tatgaggaca taaatatatg agtacaaaaa tgttcttgca gcattgtttg taagcagcan      300
aaaattaa                                         308

<210> 1337
<211> 212
<212> DNA
<213> Homo sapiens

<400> 1337
agatacagcg agattccctt ctattgttta catgtcacgg atgaaaacaa aatacgttag      60
tcacttttaa tcagttaaaa acattgaatc aaaacaatct tgttgctcag tcaaaactat      120
cttcttatcg attattgggt ttccctctaat tataaacaca caaaaatatg ctccctctgag      180

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<400> 1342
actctgattc tgtctcatct gtggccctgta tgaccacagt cacagcctgc agaaatgttc 60
tgggatctgg tggctcagcc ctccctttctc ctttaagggtgc ccataacaag tatacattga 120
gtcaaaaaaa aaaaaaaaaa aaaaaacccg ggggggggccc ccgggggaaa aactttaatt 180
ttttttggaa accccctttt ttgggggggtt ttgggaaggcc ctttttaaaa cttttggggg 240
ggccggggaa ccttttttaa cccacacctt ttggggccccc cctttttttg gggtttccaa 300
ctaaceccca atttgtggcc ccgggggtta aaa 333

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<210> 1343
<211> 327
<212> DNA
<213> Homo sapiens

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<400> 1343
gatgaagaaa gagcttctcg caattcaagg actgtacaaa gctgaaacgc agagattttc 60
atattatttg ggagactcag aaatgagctt ttaagggttg tccttgactt gggggtcaat 120
aagcgcaaaa ttgtgaagaa aaggctgcct tctagtgaac cggtgttccg gtttgagact 180
ccgggcagcc caaggaaagg cagcgtggag gcttcacgca gctccacaga cagccccagc 240
tcggtgttcc tcagctcaga ggctgagaat ggtgtggagg aaaaaagaa agcctgcagg 300
tcgccaacag cccaatcccc tacccca 327

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<210> 1344
<211> 325
<212> DNA
<213> Homo sapiens

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<400> 1344
gctcctctcc ctcccgcgcc ccccgctgag ccacctgctg cacttgcgca ctgggagcga 60
cacgctcggg cataagtagt gcgggaaagt tagctgcgca gacctgggtg attgcttttc 120
gtttatcagt gcaggaaaac agcgctatag tactgcgtca caactagcgc agactccggc 180
agttattaaq cggtgcggct tgggaaactag aatccacttc ctgtcttcgc cctcaggcta 240
gagggcgagc gcttcgcgct gggacttctt ctgcctggct ccgcctcttg ccccggaagt 300
actcacagcg gacggtgggt ttggg 325

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<210> 1345
<211> 325
<212> DNA
<213> Homo sapiens

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<400> 1345
cgaccctgct gcccccagta gtaggggccac cacacattta caagagcccg gatgagcgcc 60
taccaccact gcagccacca cctaggggcca aaatgtgctc ccagctgctt attacaatag 120
acacaaactga aacctgtgcc accctcctca gcaacagggg tgcaatgcag ctgctattac 180
tcaagcatcc aactggcgcg ccaagcatcc cactggatgc gtgggggatca ccccaactct 240
gcctaccaca gccagcaacc acattactac tagggatat gagaacaggc cctcctggac 300
aaggtccacc ccaaactccc atgcc 325

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<210> 1346
<211> 313
<212> DNA
<213> Homo sapiens

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<400> 1346
ctctaggagc ttccagggtca cttctaaact cctgcagctc tcccttctcg gaacctctgt 60
gcattcagag tggagccgcg ctatttagct cttttttctt gtcttttttt ttttttttaa 120
aaaggggttt ccttttgcgc ccggggctgg agggcggggg gcaataaaaa actaatggag 180

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gcttctactt ccccaggata acagaattgc ccattttcaa cctcaggaga gagggggaaa 240
agcggcccc ccacatggc caaaataatt tttgtttttt ttcaaacac gggtgttatc 300
acaaggagct ccc 313

<210> 1347
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1347
ggacttcggc tcggcgtgag cgtgaggtgt ggggtgttcgt ttctcaggta aaacatggct 60
aaaagcttac ggagtaagtg gaaaagaaa atgcgtgctg aaaagagaaa aaagaatgcc 120
ccaaaggagg ccagcaggct taaaagtatt ctcaaacatg aacggtgatgt tttaatgaaa 180
gatgttcaag agatagcaac tgtggtggta cccaaaccca aacattgcc aagaaaaatg 240
caatgtgagg taaaagatga aaaagatgac atgaaaatgg agactgatat taagagaaac 300
aaaaagactc ttctagacca gcatggac 328

<210> 1348
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1348
ggagcccgga gcgcgtgga aagcattgga cacatttcca ccatgcta at ggcattttaa 60
atatatttgg caattttccc aattttttac tgaagaaaac tgtaagtta tacttgagga 120
ctgaagtgtg actctgccga ttatcaggct ttcaagatga atctggaaaa actcagcaag 180
cctgaactcc tgacactatt tagtattcct gaaggagagc ttgaagcaag ggaccttgtt 240
atagaagcct taaaggccca acacagagat actttcattg aagaacgcta tggaaaaatan 300

<210> 1349
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1349
acagttacct tggtaggaaa gtaacgcttg gtcttaaat gcttgaggaa tgaagacaga 60
aaaaatgttg tgaaaaacaa gatgacacac caaaagagca catctggaat ataaggctca 120
tgatgaccac aagctgaccc caagaatata ccacgaagat ttttacattc ctggaaaaaa 180
ggagaaagaa aaagcagaat ggggattcct acgtattcaa taaattatta tgagcttcat 240
tgactcgtaa gatgcaactg attgtaaag gcaccattac ttgctattcc ttataaagaa 300
aaaacattgt ccagccaact atat 324

<210> 1350
<211> 323
<212> DNA
<213> Homo sapiens

<400> 1350
aatttttcat gtttcctttg aagtaatctc cttaactaca aatcagttct tatcaacaaa 60
tatttataaa ccaaatatga gttgcttgat tatgtttcaa atattaatca tgttctgtgt 120
agaactcttg gaatataata tacagcagaa gcagctctca atgctggaga tgcaagtgga 180
gctcagcagt atgaaagaca gagcaacgga actgcaggag cagctgaggt ctgagaaaaa 240

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ggtaggttgct gaactgaaga gtgagcttgc acaactaaa ttggaactag aaacaacact 300
caaggcacag cataaacacc tag 323

<210> 1351
<211> 323
<212> DNA
<213> Homo sapiens

<400> 1351
aaattactct gaaaagagaa caagagagtg agaaaccaag ccaagaactc ttggaatata 60
atatacagca gaagcagctc caaatgctgg agatgcaagt ggagctcagc agtatgaaag 120
acagagcaac ggaactgcag gagcagctga gttctgagaa aatggtgggt gctgaactga 180
agagtgcgct tgcacaaact aaattggaac tagaaacaac actcaaggca cagcataaac 240
acctaaaaga attggaggct ttcagggttg aagttaaaga taagacagat gaagtacatt 300
tgcttaatga cacattagca agg 323

<210> 1352
<211> 303
<212> DNA
<213> Homo sapiens

<400> 1352
ggatccagct ataacatttt gttcacattg gatacctgat tgtgacattt atttaaaatg 60
ttaccatttt tcaaatctct gagccaatat catgatttaa ttatagtggc ttcattgtaa 120
gtttttgagt ccgataaaagc aagtcacctc tcattagttt tttttttctt tatataatat 180
gccctagaca ttcatctttt catgtgaaaa aatgaaatgc agaattttta taaatttcta 240
attatgatgg ctgacatcac aattaaaatc ctgcattttt gtttagaggg ctctttaata 300
ata 303

<210> 1353
<211> 297
<212> DNA
<213> Homo sapiens

<400> 1353
caggggctcc cccagctcc ctaaggcata acggcctcta ctactctac atgggtgcatg 60
aggattggc agagacatgc tttagcagcat tttagcagata acaaacact acacgatga 120
gctctttgta ataccaggga catgcctttc acacaaatc cttcggaata tccttcatt 180
tgaatctcac aaccaccaag agggacagaa gacaaatct actgctcaca ttttggcat 240
caagaactcg aggcttaaat aattttaagt agcttgcccc aaattacatg ggcaacg 297

<210> 1354
<211> 309
<212> DNA
<213> Homo sapiens

<400> 1354
gtcggtaatt tttgtatttt tagtagagac tgggtttcac catgttgccc aggctggtct 60
tgaactacag gcctcgagta atccaccac cttggcctcc caaagtgttg ggattagagg 120
catgagccac cgtgtctcagg ctcccccacaa taatttttac tttagacat acagacttca 180
atatcacatt cgtatgcacc aagctatatg ggagaatatc tgtaaaagatt catgagttgt 240
tatgtataga gtgcttaaat tgtggacata gaaaataata tttctatcca gatgcagtgg 300
ctcacgct 309

<210> 1355
<211> 293
<212> DNA

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<213> Homo sapiens

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<400> 1355
ataaaccatg gtcattttta ggcattgtatc attcattttac tcatagtgtt gtttacttaa      60
attatcaggga atacaatgtt gcaatgatgc ttaaaaaaca ctgtgttagt ttccctgtac      120
caggcaatgg ttataattaa aatgatatgc tgttgagaag ccactcttaa gagtccagtt      180
tgttttaagt ttatgggcag ctaccaattt ggggcgtctc tgtatatttt tggaaagatt      240
ctcatttttt atgcttgaag tatttgggtga aaagatgttg gttgaccata att          300
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<210> 1356

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (308)

<223> n = A,T,C or G

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<400> 1356
aataggaggg acacctcatc acaagcacaa gctaagggga ccacagccag ttatctcttt      60
acaaatgggt tagtcacctc gagaatcaga tgcattgtcta caccctaagt gagagctggt      120
aataaagtct gattaataag ctatgtcaca gagttagtga tttccgaat gagtgttgat      180
tatgatgtta cagagaaaaa ttatactcat gttaaccaga ttgttgtaag tagtgcaagt      240
ccaaatcatt cttagtgttg tttttggact tctcacgtac actggccaca tctaagaagt      300
aaataatn                                     308
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<210> 1357

<211> 302

<212> DNA

<213> Homo sapiens

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<400> 1357
gagtcgtgga ataaaacaat aaaagccgtg ggtttttatga acagtttcag tttggatttt      60
caagaagcaa aagaaggtgt caaaagaacg accaaggaat aagaggcttt cagaaataac      120
caagaacatc aaaaataaag aggaactttta caagtgaaaa atgcagtaat caaaaatgaa      180
ctcaaaagag agattaataa gattagacac aactgaagag aaacttagta agtgagaagc      240
tctatcagaa gaaattatgc ctaatacatg gagacaaaga aatggaaaat attcaagagg      300
ag                                             302
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<210> 1358

<211> 309

<212> DNA

<213> Homo sapiens

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<400> 1358
acagtgagca ctctgggtga tgtcagacaa ttccatttat tgaactactc tgaatttgct      60
gcctctgtca atcaaattta atatttcaac tgacataaaa aattgagcaa tttttgtttc      120
cacttttatt ttctttttaga acctgaccta gttaactggt gactgtactc aatgtcaaaag      180
ttatccgatt tttgataaag ctacggggtc ctgccatttc atttagagtt tattccgcatt      240
gggtgatgca attgttttga atggcatggt aaagatgttt tattaacctt aagaataaag      300
agatccaat                                     309
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<210> 1359

<211> 303

<212> DNA

<213> Homo sapiens

<400> 1359
 attttgcaca tgatcctggg aataaagagt cacaggtaaa caaggctgca agaaaagtcc 60
 aggggtgtgt cacacagtag ctgcaaaactt ctcagaaactt ttcagaaaatt catccttgcc 120
 tctcattaca ttttttaaatg agccactcag cattccaacg aacaacccaa tacatcattt 180
 cctcattaaa ttgggtgcagt taatttgaaa actgtttctca gtcttatatt tatatgggaa 240
 atattaagag tccatctcct tgctcctttt tcattaatte cacacacatt catggagcat 300
 cac 303

<210> 1360
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 1360
 tacggatgac aaaagacgag ccgaatgggtc cccattttta aattttggag cttattcaaa 60
 aagcttaaaa tacaccatga gccaacatta tatgaagcaa actaaacata tctagagatg 120
 cagcttgccc catggactat tcagtttttaa cttctgcttt aaaggatgac gctcaattgg 180
 cagttcatac atacatatat atatatatgc gcataaaaatt cacagacett ttggtttcac 240
 ctgactctgt gacttaccaa ctgtgtgggc ttgagaaaaga tgctaacct ctctgagcga 300
 aagatgg 307

<210> 1361
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1361
 ggactccacc agtctgacct tagagcccca cttttaaccc tgtttaccca gggcccccag 60
 gtacttcaaa tctatatattt gggccctgag ctgttgccca catttcactc agaatgtaat 120
 actcagaagc ctgactgcctt tgtctctacc ttgtctctct ggctctgta atcatttttt 180
 ccccttttaa acccttttact ttgaataatt caaatttata gaaaagtgc aataactggc 240
 caggtagaca ggctcatgct tgtaatccca gcactttg 278

<210> 1362
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 1362
 ttatgacttt gactatatatt tacaacttga aaaattttca tttttatggt gccatcagcc 60
 gtctacttaa tagaaaaatgc tttattgaca tttatgttct ttacctaatg atgtggattt 120
 aaatgatggc tgtcatcttc attagaactg actgtcgaaa gagtaccag aatgacaata 180
 ccgaaccocg gtctcatttt aattgggcaa accgagaaac ataacattgg gctgaacatt 240
 tcaccaattt gactaccac 259

<210> 1363
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 1363
 ggcacgagct caggtaaaac atggcttttt gctttttgag taagtggaaa agaaagatgc 60
 gtgctgaaaa gagaaataaag aatgccccaa aggaggccag caggcttaaa agtattctca 120
 aaactagocg tgatgtttta atgaaagatg ttcaagagat agcaactgtg gtggtaacca 180
 aacctataca ttgccaaag aaaaatgcaat gtgaggtaaa agatgaaaaa gatgacatga 240
 aaatggagac tgatattaaag agaacaacaa agactcttct agaccagcat ggacagtacc 300

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caatatggat gaaccaaagg caaagaaaaa ggctgaaggc aaagcgagag ataagaaaag 350
ggaaaagcac agcaaaaagca gtgaaagtgg caaggggttt ggccctggat actcg 415

<210> 1364
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 1364
tatttaggac ttttagcctc ttttctgcct atctcacata tcattttgca agtcttcttg 60
gaattattta atttacagta ttttgataac ttcaaaagctg gtaaaatgaa attagagcta 120
tctgcttttg ctcagaaatc aattctctatc aaataatatg aaattatgtt atctaaaagc 180
atttacccta ttaagtgaca gacaaatgag aagtaaggag acttaataca ctgtttgcct 240
attgatgaca ctggccacaa acatccact ctttacaagc agtaacaggg aagggagtct 300
tttgaaaaaa caatttngnc cgggcatggg ggctcacgac tgtaatccta acacttttgg 360
aggccgagcg gggccgaaca cgaagt 386

<210> 1365
<211> 378
<212> DNA
<213> Homo sapiens

<400> 1365
tttataagta tacctggaca gaagaaatac aagataccgt tctattaact caatatagtg 60
ttgctaagtt cgtacttgct cttggtttat tttattttat aaatagggtat cactcgcatg 120
gttccaatcg cggtaggcac agagagtata tatgatggaa ttacatcctc ctctccctgca 180
ctcagcaacc gagatcatcc cgctacgggc actcaaaagt ttctatgtct gaaatatagg 240
cctaaacgta gtttatgttt aggaagcaac aaccgtaaat aggccccat ccaaacggag 300
tggatttagg ttocactttt tcaaggaaaa accatcaaaag aatttttcca catacttata 360
aacatcccca cgtataga 378

<210> 1366
<211> 378
<212> DNA
<213> Homo sapiens

<400> 1366
ataactaact tcttttggtc ttccacatt taataacctc tcatcagag cctttctttt 60
tttatgtact caaaaataat agaaatgcca tttttaatat ttaccaataa cctattttaac 120
ttagtaagga actgcttccc ctgggggtta gaaatttgta cacagccttc tggatacaaa 180
taactcttat ttaatttaatt aatttatttg ttttttgaga tggagtcttg ctctgttgcc 240
cagctggag tgcagtggct cgatctcgac tcatgcccac ctgcacacct ggggttcaggt 300
aaaaaattct cctgtctcag ctctcccgagt agctgggagt acaggtgcat gccaccatgc 360
ccaactaatt ttgtatg 378

<210> 1367
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (1)...(395)
<223> n = A,T,C or G

<400> 1367
cggtgtgtgtc gcttttttagc atctttaaata ttatttttat atgagtgcct gtatagttgc 60
cgatcccttt aaaaaacaat tattttaata tatattataa ttgtacatat ttctggtgtg 120
catatggtga aagtcatttg agtgggaagat agcaaggagc ttggaaattg aaaaggaatt 180
cagaagtgtg tgatgaactc tgaagtattc agcatggatg gttgaatggc atcatagaca 240
actatcttaga gagacagtac ttgctttact ttggaaatc agtgtgtgtg cattaaaact 300
cagggacttg aaaaatgatg acacagccaa agaataatgt atggtgcctg ggggtgtangg 360
agtgaggaga gatattcatg cattctgtaa tctgg 395

<210> 1368
<211> 393
<212> DNA
<213> Homo sapiens

<400> 1368
cggtgtgtgtc gaagtaactg ggcagggatg gttagctggg aggtatggat ttcatattcca 60
ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaattg 120
gagcaagggt ctcttctctg gcccagctct ggaatgttag tgggtgcaatc tgcactcaat 180
gcaacctccg cctcccggtat tcaagagatt ctctgctcct agcctcccaa gtatctggga 240
ttacacgtac gcaccacat gcccgccaaa tttttgtatt tttagtagag atagggtttc 300
aacatatgtg ccaggctggt ctcaaaactg tgacctcaag tgatctgccc gcctcagcct 360
ccaaaatgct tgggattata ggctgaacc atc 393

<210> 1369
<211> 388
<212> DNA
<213> Homo sapiens

<400> 1369
cggtgtgtgtc gaagtaactg ggcagggatg gttagctggg aggtatggat ttcatattcca 60
ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaattg 120
gagcaagggt ctcttctctg gcccagctct ggaatgttag tgggtgcaatc tgcactcaat 180
gcaacctccg cctcccggtat tcaagagatt ctctgctcct agcctcccaa gtatctggga 240
ttacacgtac gcaccacat gcccgccaaa tttttgtatt tttagtagag atagggtttc 300
aacatatgtg ccaggctggt ctcaaaactg tgacctcaag tgatctgccc gcctcagcct 360
ccaaaatgct tgggattata ggctgtaa 388

<210> 1370
<211> 366
<212> DNA
<213> Homo sapiens

<400> 1370
tggggattcca ccgtgttggg caggtgtgtc tagaactcct gatctcatga gatctgcccg 60
tctccacttc ccaaaagtct gggagtacaa cgtgatcca ccattgcccg ctgaggctag 120
gattttaaatt atattccaac atttcttact ctcttcatta ttactcccca aaagagcttt 180
ttaggaatttt tctctcagg ttctgctgtt gaaaatttac tactacagat tattgtatgt 240
ctgtattgat gtaattgtat tatctgtgct ttatacataa aatgattact ttgccccttc 300
ctctggcccc gctcttactc ccattagcgg ggggttggct ccattatacaa agatagctgg 360
gcctgg 366

<210> 1371
<211> 390
<212> DNA

<400> 1375
 cggttgctgtc gggggaatat gtccctggcac tgaagcaaga gctacgagga gccatgagggc 60
 agctccctcta cttcatccgg ccagctgtcc ccaagagaga tgtggagcgt tattcagaca 120
 aatatcagat gtcagggtccg attgacaatg ccatcgattg gaaccctgat tggcggtgtc 180
 taccccgga gctaaagatc cgagtgcgga agctacagaa ggaacggatt acaattctgc 240
 tcccacaag gcccctcctc accacagaag ataaggagga aacaatacac aaactagaga 300
 ccctggagaa gaaggaagaa gaagttaact cagaggagga tgaggagaaa gaagaagaa 360
 aagagaagga agaggaggaa gaaaa 385

<210> 1376
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1376
 cggttgctgtc ggggaatgggt cttagtatat cccctatctt ccccttccac tgcctcacc 60
 tagtcttcaa cctcagatga tggggtgttc atagaactct aatgggggtg taagataatt 120
 tatagaagta gaattctgat ctgacctctc cttctaattg ggaacgtcta tgttctaact 180
 agcagaaatt cctcaaatgt tctggcatat ggaataattt cccctctatt ttattccttt 240
 gatcatttca atgtgaattt agaattgagg aatttagaag cctgtctctg caaagccatt 300
 ttatttataa accacaaaaa aacacttttt ttctgtgtga agaaggttag aaaaaaatg 360
 ctcaagactc ataattatat 385

<210> 1377
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1377
 cggttgctgtc gctgggactt gttaggcatt aacatatatt agtcaaacga gtgactcctt 60
 acaaatataa attcttttag gtgacatggg aagtaaatat ggtttaatt gtgacacccc 120
 ctacagggtc gttatgcaga aaagagtagc taataggctg gaccctagaa gttgtactgt 180
 ttctgggtgc acaagaatt tcttcccaag gttctgatga ctcttttata ttccataata 240
 gttcttaaat ggttatgttc atagcttgag gttcaggctg cacaagaag ttactttcat 300
 ggatcacagt agaacttcta ctatgggcta taataataaa ttttgacca taacctactg 360
 gcagggtct 385

<210> 1378
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1378
 gcaggtaatg agactgcaga aaggctgaag gttagattag ataagatcaa tgaagggtct 60
 ttataaagca gttttgaatt gtccctttag aaataagaag ccaataaatt ttatttttta 120
 ttttcaaaaa gatatttcta acccatatta gaaatggatt agaaatagat aacataatac 180
 atttggagaa gatagaagag ttagggccta taggaatagt tcaagcaaaa atcatcttat 240
 ctttaatttg gatactttct aattacttcc tatcttgaa aattagataa cattaattcat 300
 agtggacaca tgcatacata tgtttatttg agcactgttc ac 342

<210> 1379
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 1379

cgtgtcgtc	gcccacacag	ggcacagacc	ccacgcagcc	cacacggggc	aggcagctca	60
cacaggggc	agaccccacg	caccccacac	agggcagcga	ccccacgcac	cccacacagg	120
gcacagacc	cacacacccc	acacagggca	gggacctcac	acaggggcga	gaccccatcg	180
atccccacga	gggcaggcac	cccacacagg	gcacagacc	cacacacccc	acacagggga	240
gcaccccac	cacagggcga	gcaccccacg	accccacaca	gggcagggat	cccacagggc	300
gcacagatcc	cacgcagggc	agggccagcc	caaggccagg	ccctccctcc	gtagatatcc	360
tg						362

<210> 1380

<212> DNA

<400> 1380

<210> 1381

<212> DNA

tctggggaat aaaaagc

ctgtgtcagt

<210> 1382

<212> DNA

ggtactcaca agttaac

aaaattattaa

<210> 1383

<212> DNA

1000

attgttatcc

tggtgcatagt	gttaactttc	actcacttgt	agtgaagaagt	agtcctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcatataca	ggtagatgat	gataaggaat	atgggtattgc	360
ttgtggtgac	agtcatttgg	tggtcactctc	atgatttggtg	gcaat		405

<210> 1384
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400> 1384						
aagctacttc	atagagctga	cattctaggg	agaagataga	catggcagat	ttaattatac	60
acatatcttt	ttcactgtat	tagatttttt	cagattataa	aattatagta	ataaaaatagc	120
aatatcaaat	attactgaaa	tacataacat	aggaaaaaat	atgcctgtgc	aattcatcct	180
ccctcccccag	acgtagccac	tgtaaccacg	tttgtgcacg	tttttgtaac	ttttaaaaat	240
atacatgcga	tgtattttta	aagcataaaa	ggggaaatcat	acacgtctga	attttgtttt	300
ttagcttcat	atatctggga	tatcctctca	catgaacaca	aggaaatcta	cctcattctt	360
tttaattgtct	gaataatatt	tcattgctatg	gatgtattat	agtttatttg	actaatatct	420
tggttg						425

<210> 1385
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1385						
agaataactag	gtattaagta	aatattgttt	gagtagataa	aagacattag	tgtaagcaa	60
taacccttaca	ttcttaaaaa	agagagagtt	ttattaaatt	gctaggaact	taaaaattttt	120
ggactcttaca	ttccaaatgc	ataacacaag	attttgcttt	cagtggtgat	cactcaaaat	180
taagctagta	acaggtaaac	tagctatggt	ccctattctt	atttcttgga	tatgaggaga	240
ggaaacacat	gcagcaggaa	agaaaaaggt	gactaaccaat	tactaaattt	cgagagttaa	300
ttggatttgt	ttgctctgtg	caactataaa	atggtgatta	acaaacaggt	gctaaatggt	360
aatgaagtat	atgagattaa	aaataaac				388

<210> 1386
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(38)
 <223> n = A,T,C or G

<400> 1386						
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actaatgtga	agtaactttac	aagtaagaac	tgattttaaa	aacttagcat	tcaaaaaaaa	120
aaaacctttt	tttacagctt	attgaattct	ctgggttttt	tctaaccagg	taatatgttg	180
agtgctacat	aaaaaacata	ggtttcttaa	tctaattggt	ttaaatat	cctttaaagg	240
aaattcacca	tttttttgtt	aacctttttg	ccaaaggcca	ggtttttcaa	agaagggaaa	300
aacccaccac	ttgaaccctc	atcattggcg	gttttcggcg	ccaaacccat	attatccttg	360
tgtttaagaa	ccaggaccat	tatttccn				388

<210> 1387
 <211> 421
 <212> DNA
 <213> Homo sapiens

aatatttgag	actttgggga	aattaaactt	gtcaagctgt	caacttatca	gtttggattt	180
atggtttctt	atttcatttt	gtagatattg	aaaatacatg	tcaatatctg	tgtatttcat	240
gtcaagggaag	ctgtgtattg	gtatcaggat	tgagggaata	catgatcaac	aaatactttt	300
cgaagtttca	gtgtcacaga	ttgcataatg	catgataata	catcacattc	atttccctca	360
agttgtttt	tttttttgac	agggagttta	caaaaaatgt	gcaaatggcc	a	411

<210> 1392

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1392

attcacccat	ccaccatct	actcatccat	ccatccaacc	atgcacccat	ccatccaccc	60
atccacccat	tcacccatcc	atccacccaa	ccaacccatcc	accttttcat	ctatccaccc	120
acttgtccac	ccaccattc	ctccattcat	cattccaacc	tctcttccca	ccatccactgt	180
ttcatccat	aagatttata	aagaagtgtg	acatttggag	tttataaacc	agtatttgag	240
acctaatctt	aattctttcc	gctgtgcaa	tcttggacaa	atagttaaaa	ctatctacat	300
ttttgttta	ttctttggca	aaatgggaga	gagtgtctat	ctttacatta	tgaactactt	360
atgagaaga	gatgattcag	ctg				383

<210> 1393

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1393

gattcgaaatt	ccgtgtgtgt	cgagcagcca	ccagagattg	tcataaaaa	tgaagaagca	60
aagaaaaata	agaagaatac	atagtcagat	gctaaagcag	tgcaaaacag	ttcacgccat	120
gatggaaaagg	aagtttgatg	aggagcctgg	gaaactaaaa	ttagtcacag	agagaaaagca	180
cagcagcgta	aacgtgataa	ggtgtgtact	gattctgggt	cattggattc	aaataccctt	240
gggatagaaa	ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttctgttt	300
ggttccaaga	agaataaagg	tgatttctcat	ctaaatgttc	aagttagcaa	ctttaaattct	360
ggaaaaggag	attctacact	tcagggtttc	tcaggattga	atgaaan		407

<210> 1394

<211> 237

<212> DNA

<213> Homo sapiens

<400> 1394

atttactgtc	catgatttta	ttccaaccaa	aaagatat	ggaaaaatatt	taagaattat	60
tgctgattat	tgaactctag	aacactaata	ccagtgaata	ttttgtatcc	octaatactt	120
ctctgatcac	ttacaagcca	ataattagcc	attcacgata	cagaagacag	acagggtaga	180
tggtgggggg	cggttttttg	ggtaattccg	gaaagagaga	aaactttggg	aggggtga	237

<210> 1395

<211> 376

<212> DNA

<213> Homo sapiens

<400> 1395

ctccatata	atatatcaat	acattttcta	aggggtgaaa	ctaagttttc	actgacattt	60
-----------	------------	------------	------------	------------	------------	----

atataaataa	cctaaaaatc	tggcactagg	attattttaca	aaggtaaaac	ctgaattaca	120
aattatttggc	aaggagaaaa	ttatactttc	tgtcttttctt	cccaaatcaa	aatcatcttc	180
tatggggggg	catcccccacc	tcagctgtgt	gaacgggtggc	cccagaaaaa	ataagggtcaa	240
aaaaaatata	aaaaaaataa	tcttctggcc	gggagcaatg	gctcaatgc	tgtaatccca	300
gcactttggg	aggctgaggc	gggaggatta	cctgagggtca	ggagtttgag	accagctctgg	360
ccaacatggt	gaaacc					376

<210> 1396

<211> 158

<212> DNA

<213> Homo sapiens

<400> 1396

ttttttattat	ctcctttctta	cttttttggc	ttactttttg	ttctttttct	caccttctctg	60
cttggatgat	taattaattt	ttattaatto	tttttagtct	atttttttct	agtgattaag	120
gccatgaatt	ttttctgtgtg	caaactatat	cctgagac			158

<210> 1397

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1397

ggcacgagag	gaggcgaagt	aattcttttt	atttccttat	aaaattaact	cttcaaaaagc	60
tgttaaacag	agagttatct	taatttttat	tgcagttaga	ggaaatatat	ttaaaatat	120
tgttagatta	tagcaaatag	agactcgta	tttaaagggt	aaataaccaat	ttgttctttt	180
gtgtgttttg	ccagtttagg	gcagttagct	cttttgtcat	aaatatcttc	ctaccacatc	240
aaaaatgctg	cttttaaaat	ttttgtttat	aaattgagaa	ggaattttct	ctctaatagt	300
ttctgtcatt	gaacagatca	ccattaaaaa	gaatattaga	atccagcatg	aagataatgg	360
ctaataaaaa	tgaggtagat	actttataaa	accattaatc	agattt		406

<210> 1398

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1398

accaccacgc	ttcaattcaa	tctaaatcaa	ttcaacaat	ctgtgctgaa	agtataacat	60
ttagtttttc	tagacaccaa	atgaacaata	caaaatccct	caagggactt	agaacattca	120
agttttctat	atctgtgtgt	ctaagctctg	taccaccttc	caggactctg	ctcttttccc	180
tctgcccatt	aacaatgcgg	tgttaaaagt	gacttctctac	cactatgttt	cttacagctg	240
attcaaccac	tcattctcata	gccaggcatg	aaagaaaagg	gcataccctc	aaccgagaac	300
tattttttag	atggttagtca	tatatattat	tcattatttag	taagtattat	ttcagggtctt	360
attaattaaa	ggaa					374

<210> 1399

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1399

cggtgtgtgtc	ggccaattca	gggtctcaag	aaagaacagc	ccacaggatt	gacactgaac	60
cttaacaaag	ttaacaggac	caagctgcag	agaggggtgt	aggacagcga	agccaaaagag	120
gacccctcaa	accacaacag	agctgtgcgg	ctccctgatt	cctgcacagt	gttgctaccg	180
cccttggtct	ttcttgcagt	gctggctctt	gagaccctgt	gaagctgatg	gaggcaacgt	240
gagaagcaca	ttggacatcg	accttgagct	tgagaggcag	aggcctgagt	tctagttaca	300
gcccagcag	taccagttgt	gtggactggg	aggagggtca	tcacgtacat	actccaagcc	360

tccaagcctg tttcccttc tgacacagga tcttttgtg ct 402

<210> 1400

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1400

ggcagagacc	ttcgtacc	tgtctgacg	tccagcacc	caggtacc	gcacaggtct	60
ggcagagagg	tagagttgt	ggacctcag	cagaagtgg	cccactgca	gccacactt	120
ctctttacg	cagagccag	actcttggg	tgaggacaac	tgggagggg	tcgagactga	180
cagtcgtta	tgttccctc	gggtgggctg	aagactaggg	ctccccgact	agcccgcccc	240
tacaggcccc	cggcaggcac	tggctggaga	gctgagaccg	gggtccccct	tcctgacgct	300
aggacaggtc	aaggctgagc	tggcccgaa	gaagcgcgag	gagcgggcgg	gggagatgga	360
ggccaaacgc	gccgagagga	aagtgggcaa	gggccccag			399

<210> 1401

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1401

catcattcgc	cgccgcgcga	attcttccga	cagcaacggt	tcttactaa	aagaaataat	60
caggaataaaa	aaaaagaaat	aacattgttg	gggagaagag	aaggaatta	acattataaa	120
tactttttct	gcttatttct	agtgttttca	aatttctctg	ggagagcaaa	atattcttct	180
attaaaaaat	cttttatgtg	ctttgttgaa	aataagatac	aagaagtga	ctttaatttg	240
aaaaaataata	atgtagttaa	ttagattaaa	atgtttatgt	atgaggaaaa	tagggccacc	300
atggtggctc	atgcctgtaa	tcataacgct	ttgggagggc	aaggcaagag	gattgcctga	360
gccacaggagt	tcaagaccag	tctaggcaat	gtggcaaaat	cct		403

<210> 1402

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1402

aggagacaag	ggtacagact	gtgagtctag	tcagaagtga	tgcacatggc	tcagtgaggat	60
taggcaagtc	atttcagtgt	ttgtacaatg	ggaatagtaa	tataatacat	acttctgaga	120
attatataaaa	aaatgtatgt	aagatacctg	tgatcatttc	tctttacccc	taactatact	180
ataagtttct	gagagagagg	gaaaaaaa	ataaccttat	acatatcttt	atatttctat	240
tggggcttaa	atacttttga	cagtggtgtg	ttaataaata	catgtgcata	agtgtaaaga	300
tgtgtcagca	tgtgtgtgtc	agcatgtaag	tgtgtgtgtg	ttcagaagat	ttaggtgtct	360
tagaatagag	ctgataa					377

<210> 1403

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1403

cgttctgtgc	gtagcgcgcg	aggccctcgg	tcggacggga	cgctcgggat	tcagggactg	60
cctcggcaca	cggaagttg	ccctacaggc	cggggagaaa	gcgcaggcgg	cggcttagca	120
gggagaggca	ggctgcagtg	cacattgggt	caggcacacg	caggggcgag	cccccgaggg	180
ccgtcccgaga	gtcccccgcg	ccgcgggggt	cctaaccggg	tgacacgtct	tcgcccgccac	240
gtggattcag	cgcgatgccc	aaatccaagc	gcgacaagaa	agtcctccta	accaaaactg	300
ccaagaaagg	cttgaattgt	aaacaaaacc	tgatagaaga	gcttcggaaa	tgtgtggaca	360
cctacaagta	ccttttcac	ttctctgtgg	ccaacatgag	ga		402

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<210> 1404
<211> 406
<212> DNA
<213> Homo sapiens

<400> 1404
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ggagagggatg atgagctgct acagcgggca gctgcggggg gcttggecat gcttacctcc 120
atgcggccca cgtctgcag ccgcatctcc caagtgaacca cacactggct ggagatcctg 180
caggccctgc tctgagctc caaccaggag ctgcagcacc ggggtgctgt ggtggtgctg 240
aacatggtgg aggcctcgag ggagattgcc agcacctga aggagagcga gatgatggag 300
atcttgtcag tgcctagctaa aggtgaccac agccctgggc caagggtgctg tgcagcctgc 360
ctggacaaag cagaggaata tgggcttate caacccaccc aagaag 406

<210> 1405
<211> 363
<212> DNA
<213> Homo sapiens

<400> 1405
gcaacaccc tctgatgaca ttcccatata acctcagaac ctattgcaag agtatatacc 60
tctgtttaaac aagcagaata tcaaccaaag agcaataaag gaagattagg ttgaaaaagt 120
gcacatcagc ctcccttgga actctgaaat gtatatttta tggaaaaaat aacagctatt 180
ttcaaaaaaa taatttttgt ttcgagcaag taaaaaatat ttatctctta gtatatttaa 240
ttacagattg aatatggcat ggtagtctg tgaattctca cagtattata agtttatgaa 300
atagactctt ctcaagaatt aaaatagaag ttctatgggc caggcaaggg ggctcaccoc 360
tgg 363

<210> 1406
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 1406
ataacaacag taataaggaa aacaataata caataacaat tctaaaactt catattgtcc 60
atgggtctgt atctctctgt gcttatgcag coatatgtgc aaaaaatata tatgctgtct 120
ctaatttatg catcatatat tctttaaatt atcgtagtta attttgtacc taagaagtaa 180
acctaactgt taagtgttaa agacaacagc aaaggagatc ttttaaatat tcatattact 240
ggaactttat tgcacatttg acatttttgc agatttccct cttgaaatcc ttttatttaa 300
atgatattaa ttattggcct ctttttgatt gctttntaat gacttttagat tatattctta 360
agaactttta 370

<210> 1407
<211> 316
<212> DNA
<213> Homo sapiens

<400> 1407
cattggttct accaagcata agcaaatcaa acaactcatt gagagaatgt catcagccaa 60
taaaataaga aactgctccc aggcctgaa tcagcttatt aaattgacc tctgggga 120
gcttctctca atacaataaa ttataaaaaa gacttagaca cagaacctca agtctgtct 180

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accgagaaat	tttacacaag	tattccagaa	atcaaccaat	cattctaacc	cattagtggg	240
attcagtaag	attgaaagta	ttcaataaaa	tcgaacaaaa	atgtctcata	caagatttcc	300
tggcaggcca	tggtgg					316

<210> 1408
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 1408	
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ataacagaaa	gaagtgtctt ttgaattact agaatacttt tatttttgag cgctaaaaaa 180
ttttttcaac	atttatactg aacgcttcat ttgcttatgg cattgcatca gctaaaaatct 240
ccaaaaatat	tgttgaataa tactgaggat ggcagatata aatctttttc tgacagcaat 300
gaaaattcgg	attgcattat aaactatggt tgctcctagt tntgcggcaa aatgtattta 360
tcaattttc	

<210> 1409
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1409	
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cttgaaacct	ggaggcagag gttgcagtga gccaaagattg caccgctgca ctctagccta 120
ggtagcggag	tgagattgtg tctccaaaaa aaaaaatttt tctcttgoga ctgtattcct 180
aaattttatc	acatacataa ttcaactgcc actcttgact gtcttactta tttctgttgc 240
aaattcatgt	catggtttat gtatcacagt gcagtcctcat gagtttttta gacaaaggat 300
tagtggaata	gccaaagagac ctataacctt cactatatag gatgcagggtg tttcaaatgc 360
tgtagttaa	tggtaggcat ggtggctcac acctgtag 398

<210> 1410
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1410	
aggtagatgc	cacttttttc acaattacta aaagccaggc aaattactag tattttacat 60
catcataact	cattaatccc tcacaaagtc ctataaattt agtaatgaaa ttaaaatccc 120
ctgggagtc	gaaacatccc atttgtgaga aatacacttt tcaatttatg ccaacccaaa 180
gcagaataaa	attttaattt atgaattttt aagatgagaa aagtggggct tagcaatgct 240
aactaatatg	tgcaagtttg tgcagttata aggaatctga ttcataatca cttttctcca 300
tgccctccac	ggattaaaaa ggtgttccca gccctgcagt tttttctaca gaggccaagt 360
ccctaactac	c

<210> 1411
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 1415
 cggtgtctgtc ggagcgccgt gcagtcctga accatccctc tgttcattgcg aaacaaagat 60
 gtgcgtgcag aagcgccac aggtagcggc aaaaacactcg cttttgtcat ccccatcctg 120
 gaaattcttc tgagacgaga agagaagcta aaaaagagtc aggttggagc cataatcctc 180
 acccccactc gagagctggc cattcaaata gacgaggtcc tgtcgcatct cacgaagcac 240
 ttccccgagt tcagccagat tctttggatc ggaggcagga atcctggaga agatgggtgag 300
 aggtttaagc atcaagggtg gaacatcatt gtggccactc caggccgctt ggaggacatg 360
 ttccggagga aggcggaagg cttggatctg gcn 393

<210> 1416
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1416
 gaaataaact agcgcttcaa agacaaactt ccagtgccca ttccaatcga attcattatg 60
 accgtgattg cagcaggtgt atcctacggc tgtgacttta aaaaacaggtt taagtgtgct 120
 gtggttgggg acatgaatcc tggatttcag cccctattta cactgacgt ggagactttc 180
 caaaacacgc taggagattg cttcggcatc gcaatggttg catttgcatg gcccttttca 240
 gttgcacgag tctattccct caaatacagat tatccacttg atggcaatca ggagtttaata 300
 gccttgggac tgggtaaatc agtctgtgga gtattcagag gatttgcctg gagtactgac 360
 ctctccaa 369

<210> 1417
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1417
 ggatttcacc atgggtggcca ggctgggtct caactcctgg cctccaatga tctcctgcc 60
 tcagcctccc aaagtgtcgt gattatagcg atgagccacc gtgccagct gctaactaga 120
 aatgttaagt gcacagagtg gtatgtgctgt taataattct agagtataaa aacaatttaa 180
 aatttttttg agaatttgtt ttccagattt gaaaagaataa ggggaatgat acacatatct 240
 gcttaaaaaa atgatacagg aaagggtttt tttaaaacag gctaaaaaatt ttgccttctc 300
 ttctaattct aaagatgatg gaaatgaaga ccattatgtg gcccaggggg gtgggtca 358

<210> 1418
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 1418
 cactgctgtg taagactttt cttatttttt catatgtaca tttgactttt ccagctaggg 60
 tgtaagttcc ctaaggcgag ggtgcattat ttccatatgt tttggcacct atactaagcg 120
 tgggtatata gtaagcaatt aataatattt gtttaaggctg ggtgtggtgg cttat 175

<210> 1419
 <211> 172
 <212> DNA

<213> Homo sapiens

<400> 1419
tgtgtcatgg gaagaagtgt aaggggtttta gttaggggaga gtcataataa aggtgtgcagt 60
ttaacaatgt cattctctgag gaataccagg taaacttaca gatcagacac ttaatttatt 120
tctacttgct ccgaaaactc cactgacatg agcatagaga gtcaataaaa gg 172

<210> 1420

<211> 172

<212> DNA

<213> Homo sapiens

<400> 1420
ggaacctgaa atgagaaaaa ggtagtgaag gaagacttga tgcctctcat aactggcctg 60
catcctgccc agccctctct tctcttccag aagcccacca gtggcccaga gtggaagggt 120
gggagtcaga ccagtcaca gttgctaatt aagactggac tgcaggcac gg 172

<210> 1421

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1421
cgttgctgtc gtggagtgc agtttccgcc caccctcag cagtgcctgg gctcacctct 60
ccaccacct cccacacag ccagaggcag gccctcagcc gcaatcagta acattcagtg 120
aggagctgtg tttatcatgt gttgtgggtg ggtgcagtga gttctctatt caggtaggag 180
tggaaagctg ctcagggtct atccagtcga atgtcccaca ggtatagaag tgcctcgata 240
aaatctcaga gctggctgtc cagtoaaagt ttgcataact ccagaaatgg ggcctcttact 300
accctcaca gtageccatt ctactgttgg gcacctccaa tggctcagcat tttctttccg 360
gcagcctctt tctgggctg gggggg 386

<210> 1422

<211> 278

<212> DNA

<213> Homo sapiens

<400> 1422
gaaatatcag cctaaacgta gtttatgttt aggaagcaac aaccgtaaaat agtcccacat 60
ccaaacggag tggatttagg ttctactttt tcaaggaaaa accatcaaat aattttttcca 120
catacttata aaccatccca cgtatagaat ccattttttc tgacacaaat ttagtaccaca 180
taaacgactc ttctctccaa ttgtttttat ttaacaataa gtcttgaacg tcattcccag 240
ttaacatttt gaagagtctc ctctcttttg ttctgttt 278

<210> 1423

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1423
cgttgctgtc gctggaaagt gggataatac tttttacctc atggacttgt caggaggatt 60
cattaaaaag actcgcataa agcctatgcc acatggtaga tgccaattca gggctcctcaag 120
aaagaacagc ccacaggatt gacactgaac ctttaacaaag ttaacaggac caagctgcag 180
agaggggtgt aggacagcga agccaaagag gacccctcaa acccaacaag agctgtgcgg 240
ctccctgatt cctcgccagt gtgtctaccg cccctggctc ttcttgcatg gctggctctt 300
gagacccctg gaagctgatg gaggcaacgt gagaagcaca tggacatccg accttgagct 360
tgagaggcag aggcctgagt tctaaa 385

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<210> 1424
<211> 363
<212> DNA
<213> Homo sapiens

<400> 1424
gggtttgaaaa gtctgttcta atttcatttc gatgtgactt agagaaaaat actccccgct 60
gcctcatgcc cacactctgg gcagtgccac ccgcagctcg gcaattgcc ccttccttgc 120
tgtggtttcc cagccttggg ccttgcccag acattggctc gaggctgcct ggtctctctc 180
cccaccaccc tggggggccc gggtttctct cccctcgag atccagaggc gtaaaactac 240
attttggtaac ctgggtttgtc atgaaagtgg acatttgact ttttcttaaa aatgttttggg 300
ttatggctggt gtgcggcgcc tcacgcctgt aatcccagca ctttggggagg ctgaggcgag 360
cgg 363

<210> 1425
<211> 359
<212> DNA
<213> Homo sapiens

<400> 1425
tataaccatt tctcttcaca attatactag agaacttagc caagctaata aaaaaataac 60
aagaatttgt aggttataaa atggaataag gaaataaaac tggcattact tgcagagaaa 120
atgactacat gttttgagaa ccccaaaatc tgcagataaa ctggttagaata tgcagaagct 180
atttagcttc ctatgaagtt gatatacaaa tatcaattgt ttgttaacat aagagcaata 240
aagaacacaa gtgaaaatta ttaaaaggca ccattccaaa cattatacac aaaaacaaat 300
aattgtacaa atgtaagaaa tcaacagaca catacacaaa aaataattat taagataag 359

<210> 1426
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1426
tccatagcgc ccatggctcc accaccagtc aaaggtagtg gggccagcag tggactcctg 60
tgtggtttcag ctctcaaaaa tgtgaactga aagacacaga aaaagacttg tgtttgggga 120
taaatactga gactgagcag tcttgtggat tcaggaattg ggcattccagc tgggaccctt 180
tgcaagaagg gtgttaggga gcacagagca tgagtaagcc ggaagcagag caggagagag 240
aatggagcat gtgtgcacaa agggcggtga gatgctgaga gtaatggggc tggcccaaga 300
tgaagtgaga ggaagcaaa tgagacagag gg 332

<210> 1427
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 1427
caaaagcttac tactcttagt gaatttgagc ttctctccct tctcaacgct tatggtttgt 60
ataagtacca tgaagagcca tgggaatttt gtccctttta tttatgagat atatattcaa 120
tatatatcca tcttgacatc gtatatacat cctacttgca gatttaacct tgacttgaaa 180
tttgaaatat tttaggaagaa gaaaggaaac gtcaagagga aatagaacgc cagcgtcgag 240
aaagaagata tattttgcct gatgaaccgg ccatcattgg acattcaaat tggggctgca 300
aaaaagggcc cggatatgaac tgaacatcn 330

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<210> 1428
<211> 386
<212> DNA
<213> Homo sapiens

<400> 1428
cggtgtgctgtc gacccggagtc aagaccgtgc tcatctcccg actcaagcag gctattgaag      60
aggaaggaggt cgatccagat aatatggaat taactgtttc aactgatact ccaacaaga      120
aaccacataa aggcacaaagt aaaaaacatg aagcagatga gttgagtgtg gatgctctcg      180
tggaagatga tgctttttatc aaggactgtg aattggagaa tcaagaggca catgagcaag      240
atggaatga tgaactaaag gactctgaag aatttgggtga aaatgaagaa gaaaatgtgc      300
attccaagga gttactctct gcagaagaaa acaagagagc tcatgaatta atagaggcag      360
aaggaataga agatatagaa aaagag                                     386

<210> 1429
<211> 387
<212> DNA
<213> Homo sapiens

<400> 1429
cggtgtgctgtc ggagatcctg tgtacaacag caattggagc tctaaaatta aacatcgggg      60
acctacaggt tacaaaaggaa acaattgaag atgttgaaga aatgctcaac aaccttctcg      120
gtgtgacatc ggttccagct cgcttctcatg atctctccag taaatactat caacaactcg      180
gaaacacagc gtccctactac aaagatgctc tcgggttttt gggctgtgtt gacatcaagg      240
atctaccagt gctctgagcag caggagagag ccttcacgct ggggctagca ggacttctcg      300
gcgagggagt ttttaacttt ggagaactcc tcatgcaccc tgtgctggag tccttgagga      360
atactgaccg gcagtggtgt attgact                                     387

<210> 1430
<211> 352
<212> DNA
<213> Homo sapiens

<400> 1430
gttgagaagc tgggaatggt ggtggaacct aaaagacttc caactctgag gaaattgtgg      60
tagaataatga agcagtatata cctatgattg aacttaaccg atgtaggtga ttgagattgt      120
atttgcagag acaatgctta agaaaataaa agaaaaccag acataaaaaac tgaagcttta      180
atggagatga ataaatcatat aggacctgtg aaaaacaaatg aagtaatatata actgcatata      240
atttgtttac atatatataaa catagggaaa tggaaatata gtgtattctt aaggtgtacat      300
ttgtgtgtgc gaaatttatt gagtgtctttt accttacata aaacgcggaa ag                                     352

<210> 1431
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1431
aagtcggcag agcaaggact tgaagtaagc tggaggtgaag ctggagtgtg aagtggtgaaa      60
tgaactgtat gtgccctctg caagggtgag cagccacagt gccagctgat gttaccttgt      120
cagaatgtag cttoagtatt gctatggctt tgtttttctt tcaacttgca aatgctgata      180
actaatacaa aatttttaaac tgttgtctgc aaacatagtc ttgtgtccaa agctccttca      240
gctgataagc aacttcagca aagtctcagg atataaaatc aatgtgcaaa aataagtagc      300
attcctacac accaacaaca gtcaagtgtg gagccaaatc aggaatgcaa                                     350

<210> 1432
<211> 351

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<212> DNA
<213> Homo sapiens

<400> 1432
ttaattgttca aacaacccat agagtggcta tcattactca gattttatct tagagaaatc 60
aaagctctaa taattcaggc tacttttgaa aatttattca tctttctatg actagaaaca 120
aatattttcaa gcccaaaaga taaagattta aagtaaaaga agtctttaaag aaggaggcagc 180
acaatcacagt gctgtagtaa ccttttgtga gcactcagact caccagtggg gctttctgaa 240
aatcacatgc ccagctctca caacttgggg agactgtgat tcattagatc tggagtgatg 300
tcttcgctat actgatgtag tgaaaagaat atgacgtttg cattccagct t 351

<210> 1433
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1433
atgtggaaat tacaaatgca tcaaagtatt ctaactagtg tttagaaatc taaaaatgaa 60
aatatttttgc aattatgaag caaagatgac tgacttcaac aaaattgcac gcttttcaaag 120
ttccaaaag tatcaagttt tgactatgca aatgcagaa gcactaagag taacgataag 180
ctagcaccta tcagagaggt atttcaaaact atttcagact aacaccagtc taatcttttaa 240
aaaaattaaa tataggtcag tcattggtag tcacacctgt aatccagca cctcatgagc 300
ccaaggcagg aggatcact gagcccatga gtccaagacc agcctgggga a 351

<210> 1434
<211> 378
<212> DNA
<213> Homo sapiens

<400> 1434
cgtgtgctgc gggaaactgc ggtgtgtgtg tgtatgtgtg tgtgtatgtg tgtgcgcgcg 60
tgctgtgcgtg tgtgtgcgcg cgctagtgtg tggacaagga ggtgggggca gctgagttag 120
agtcccaact cttggactcc atttgcattt ctcttcttcc tccccacac ctatctggtg 180
gtgggtagtgg gcgtttatat ttgcgttcc tttcattcat ttctaaact cttaaaaatt 240
ttgggttggg ggtattgggg aaggcaggaa agggaaaagg agagtagtag ctgaagagca 300
agaggaggac atggagatga agaagaagat taacctggag ttaaggaaca gatccccgg 360
ggaggtgaca gaggtagt 378

<210> 1435
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 1435
cgggtaatat ttttagtaga tacagggttt tgccatgctg cctaagctgg tctcaaactc 60
ctggactcaa gcaatccacc tgccccagcc tcccaaagtg ctggggatac aggcattgagc 120
caactgagccc ggccttaaga catttttctt acgagggatt ttttagccct gagggaaatt 180
tatcatgaaa gcaatagagt tcagagcaag aactctggaa tcagagctca gatttgattc 240
tggaataaac ctgaagagtt atataacct ggagaagcta actgccattt tgaaccatag 300
tttctctcac tgtgaatatg gtttcatggt aatatatata actcatggat tataggn 351

<210> 1436

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<211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1436
 tattcaattt cctctgttaa tgggttctca agcataatct gagacctccc ccccaccgcg 60
 caacagggcc tggagatcat aactattttt attataatgt ttatgcattt ttgtcttttt 120
 cattgtgctg acatttgtga agagagaaac ggctgggtcc ttaccacgag tcaaggcat 180
 agcagaaaaa tgttttacta gtcagtgtat tttttttttt tttttactac tatccactca 240
 caaaaaaaaa aaattttagt tccactgaaa aatacttttg ggggaacacc aaaaattttt 300
 atttttatta aatcttggcc ctggggcact ttaaaaaaat aaattttttg g 351

<210> 1437
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1437
 gaataaatgt gttgaaattt gtctttattc acgagatcat tagaggctaa gtcattggcaa 60
 cagtgtagt tcaattcaat tttttttgtg taaaattttg ttgagctgca tccatccgca 120
 tatgtaacac taatttgtga acagcttctt tatactaacg cagaattaat ttgtctctac 180
 gggtttgttt taaatgtgtg agctgtatta tatcacattt gaacaagtaa tatagagaat 240
 ataaatttag ttttagagaaa gaaaagtaca ggcacactaa aaatgaatta gcatctggca 300
 gctgacactg attaacaggt tgagcaaat caactagacc taaatctctg tg 352

<210> 1438
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1438
 acccagtagt taaataccac ttccactac aataaaagag ggctcttctg agacaagttt 60
 aattccagat ctagggaaga caatgtataa ggtgaggcag taaaatcatg tcttactaga 120
 gaaaaacgat taagtgaaaa ggacaaaaac cactgggatt aagtgaagaag gacaaatcag 180
 aagggaagatg ctctactctg cccaaaatgg atcttttaac catcaataag aactgattaa 240
 agttgattat agattaaaaa ataaaatcca ctggtaacca tgggaagata aggggtgaagt 300
 ttcatttatt tgtacaagga ataaatggat ggcagaatta gaatatcatg ggt 353

<210> 1439
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1439
 ataatacaat agcccagaac tggggccaag ccaattctcg tcattgacaa catattcggg 60
 attgtccatg ggttttcata ctgaaacaca aagacaacaa aatttaagta aaatactatg 120
 aattcactat tgaataaact atatacatat attagaaaaa tatacttcat caacttcagt 180
 cagaagctac ataaacttta attttagcac attaaattga attttaaatt ccattctgtt 240
 ctttttacag atatctccct aaaaatctct ttaagaataa cagaagatgg ctgggcatga 300
 tggctcaacg ctataatccc tgcactttca gaggctgagg cgggatgaac 350

<210> 1440
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 1440
gacagggtcg aagaacacag gtcgctgcat ttagaaagga ggccgggtca gaggaatana    60
aagggaacagg gctgaagaac acaggctcgt ccattagaa cggaggcggg gtcaaaaggaa    120
tagaaaggga caggactgaa gaacagaggt cgtcgattt agaaaggagg cggggctcaga    180
ggaaatagaat gggcaggggc tgaagaacac aggtcgtgc atttagaaag gaggcggagt    240
cacaggaata taaagggaaca gggctgaaaa acacaggctc ctcgatttaa aaaggacgag    300
gggacagagg aatagaaagg gacagggctg aagaacacag gtcgctgcat          350

<210> 1441
<211> 380
<212> DNA
<213> Homo sapiens

<400> 1441
cgttgctgtc gacgtgtttt tctttttttt ctcaacagct tatttcattt ttttttttta    60
attaaaagtt tacctttaca tgttttgaat gttggaatat tggcttatat ggggaacttt    120
tgggtttatt aagggttgcc aaattaataa caattttctt atttttaaa ggtctatcca    180
tgttagtcca gctatcactg aagacacaaa gaaaagtga aaaggcgac cgaacattgc    240
aaaaattgaa gacatcaaa ttttacaaga aaataatgaa ggaactgagag catttttact    300
cactattgag aatgaactta aaaatgaaaa ggaagaaaaa gccgaattaa ataaacagat    360
tgttactttt cagcaggaac          380

<210> 1442
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1442
gtgcccacag aacgaaagt tcttcccatc agtccttcca ctgggaccgg ggaactgggt    60
gtcccttggt cgagctcagg gtgtgcctca gccgctaagt gaaccccaag gggggctttg    120
ggcgacacaaa gcccatgagg ggaaggtgag ttttgagggg agaggtgagg caactgtcac    180
agaaaaagaa agaaaaaacc cgcgcgtgg agaggtgggg cctgggtccc coacgggatga    240
aagtgcttcc ccatcagccc ctgtgctggg taccggggaa cctggggttc ctggtttgag    300
ctcatggaga gccctggggc actaagggtta ccccaacgag gtggaaagcc catgg          355

<210> 1443
<211> 381
<212> DNA
<213> Homo sapiens

<400> 1443
ggcacgaggg gaagtgtgat gacgtcttgc ggctcctcat ggccgagctg ggcttggaga    60
tcccgcctta tagcaggtgg caggatccca ttttctcact ggccgactccc ctgcgtgctg    120
gtgaagaagg cagccacagt cggaaagtcg tgtgcagaag cagagaggag gccccgcctg    180
gggacccggg tgaccgctt agctcggccc ccatcctagg gggctgggtt ggacggggct    240
gcacaaaacg cacaaaaagg aagaaagtga cgtaatcagc tgctcgatga agaacagttg    300
gcacttttga gatggccagt gtcacgggtg aggtcgggtt gcccccacgg gtctagggag    360
aacgaactct ttggggatga c          381

<210> 1444
<211> 347
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 1444
atagtctgtc acttaccatt gtttctgcaa gccaaaggca tttttatga ttttacagtt      60
acctaattta tagtttataa tataggaaag ttcatattat ctctaaactat atgagccctta      120
aatactctgg agatttttcc tatgatttgc cccagaaatt aaaagcaatt cagggggaat      180
aagaatgaa atagagaaat aaaggaagtc tgaaaaatca gaaaataaaa gtatagtgtt      240
ggcaagcaaa ctctaacaaat attatcatga gctatctatc tttttcaata acaataataa      300
ctcatggtaa agctctattt ttttctcata aggcctactt gaaatgn      347

<210> 1445
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 1445
gaaccaatct tgaataggga agtgatgcta caaaaatgct aaaaaatgaa ttaatatata      60
gcaaatgtca gtttagtaaa tataaataat gatgcttatc tatatggaaa gaaggcaaaa      120
tataaatagg tagtctattc atagatatta cattgatcca ggtattaaga acatgaaatc      180
attaggctct attaaagaaa aaattcattg taattcatat ttattttcta atcacttgta      240
atagaatttt taatagctca tttttcagaa caattttagg ctcacagcaa atacaataga      300
attttagtta tacaattcat acatgaatac tattttcctg atn      343

<210> 1446
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 1446
tgatgaatta tgaaggaagg acattttatt tgagaatcat gagcattata atattttatt      60
aggattagaa ttttgttatg tggagggtgc actacctcct catgagccac ttctgcactc      120
aatctcagta agaagaaaaa gattaatatt taaaaratta aattatcatg attttttcac      180
tttctgctcg gttttttctg ttaagtgcag gtatgcttatc tttagtcttt atgattaaaa      240
atgggagaaa gatatacat taaaaatgca gaggtgggct acggtgggct acacgtgtgaa      300
tccagctttt gggaggccga ggtgggcaga tcacctgagg tn      342

<210> 1447
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1447
caagcatgag acacacatct ggcagcttaa catttaaatt acgaggggga aacctctact      60

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tcagtagtaa	ttttctcaaa	gaaaagaata	gggaatggat	tacaactaaa	tttaatttct	120
ttttaaattt	tcattctgtc	taattgcagg	catttttctg	gggtctttgt	atccatatat	180
tttcaacatt	attttctgta	gattttatcc	atctttaatt	tgagatgctt	ctcactatta	240
gagctcttga	aaaattgtgg	tatattttac	atagaaaatt	atctcgagac	atctatctga	300
tctcaagtaa	tatagacatg	gcatagaaaa	tacaaggaaac	atgggttttct		350

<210> 1448
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 1448						
ccatcaagca	tttttagcaa	agccaaaaat	attatgaaga	aaataaaaaga	atgaataact	60
atcagaataa	gaatgtgtgg	agatctgact	aaataatatac	tctgtttttat	tatagaagga	120
aatgtaaatt	tatgtggaag	agtgtcttta	actgtaggaa	taggacttcc	aagaaggtat	180
attttggcac	aggtgcaaag	tccatgacaa	tcaagttaggt	cgcttggaa	taaatgaagg	240
aaagaaagct	ctctgccaat	ctgcaatcgc	accccttact	cctactgaac	tggcacatat	300
actcacagat	attgtctagat	tttaggggtac	tgaggggacat	tgatt		345

<210> 1449
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1449						
agattgaaaa	ctaacaatc	aaatataaac	cacataacca	taaatgtttt	attttacggt	60
caactactgt	tttctgtttg	gtgaggaaac	aaaagtcagg	gcaagagggt	gccaataaag	120
agaaagcaga	agggacaaga	aattggaggc	ttctgtaaca	aagaacaact	agaatgtgaa	180
tagagaaatg	aataaatacc	gaagaaagat	cgacttggct	ctttgaagag	gccccctggat	240
taaggccgtg	gaagagatcg	agtactggaa	gattgtctgc	acaacggaga	attgatgtgc	300
ataaaagacg	acgctagttg	ctgcaagtca	tacatgtcac	tggtctgg		347

<210> 1450
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1450						
tacgggttgc	agatgacaac	agacggggcaa	gcataagtac	gctgaagggg	catctgacaa	60
ggctattgat	gtcctcatag	aaaggaataa	gcatactggg	acacactttt	agcccttatg	120
acttgctgcc	tggaatgtgt	ccatgacgcc	tgagatgca	ggagcgtgaa	gatgcacagc	180
aagcaggggg	agaagctggg	cttttgacca	ctatcttgag	cagctgtgcc	agccccaggc	240
tgcatccact	tcttgtttatt	gggaaggaca	aagccctatt	tacagacaag	tctctattcc	300
atgcagctta	atgcaatcct	gactcataaa	gtacctccaa	accacgcctc	cccagttgtt	360
ccatgtcagg	t					371

<210> 1451
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1451						
tagttaaata	taaatgggta	attaactttc	caaaaagaat	aaaacagtca	atctctctgc	60
acacacacac	aagatgcttt	tottaatttt	ttctgtgaat	gacttgactt	gatatttagg	120
ttttaatttt	cttgacaacac	ttagtgtgtg	caaaaataaa	aactgtttga	ataaaagtgt	180
tatggcttgg	agagtctctac	ttttcacagc	aaagctgagg	gagaacggaa	aacacatagc	240
tttgatggga	ttcttcataa	aatagcttgt	tttttgtgct	gctgaaaata	gtattgatgg	300

cttgagatg tcacaaa 317

<210> 1452
<211> 315
<212> DNA
<213> Homo sapiens

<400> 1452
gtgatcaca tatctagact tcttgatgga atattgaatt tgaatactta tactatacca 60
acatctcact aaattaaacta atgaatactg aattttagaa tgcgttactt gatttactgt 120
attatcagta agtagcccta atttatgtac agaaatttaa atgtatgaat tttaatcaca 180
tttatatcac tttatgaaca cttaaaaagta cattcatgac ccaccagtg gccacaaatg 240
ctactttgat ctacttgat tttgttacat acatatcctt gaaccctata atggattcca 300
tttagtctta cgggg 315

<210> 1453
<211> 293
<212> DNA
<213> Homo sapiens

<400> 1453
aaaaaaagct taatagtcac aatatatatg ggatttttacc aaaagaaaaa caccaaaaata 60
gaaacatgta taaaggaaat taaaaggaaa tcacaaaga caaaataaga aacccctcaa 120
aaaaacagcaa attaaaaatga gacatttttg gggtggcggt gggtggctcac gccatgaatc 180
ccagcacttt ggcaggccga agtggctaga tccttgagg ccagggtgtt ggagcaggcc 240
tggccaatat ggcgaaacco ctctttacta aaaatacaaa tattagccag tgg 293

<210> 1454
<211> 343
<212> DNA
<213> Homo sapiens

<400> 1454
atatataaac tacaatcaga gcactgttct gtaattacag gcttttacct ctctctctct 60
cctctagaac aattctctct ttcaggatag gaaactgaac ttattagcag ttacatcac 120
agagctagca gactctgggt aattgtaggc attaaatag ttttggttga ataatgaat 180
gaaatataca ttccattctt accccaaacc agtataattt tcttacacct ctattactca 240
acttctcac aaggctctgc agtcaagagt cttagcagcc acaacagctc cttcaagtta 300
ggactcattt aggagagtaa agtgaatgact taaaaaggta tgg 343

<210> 1455
<211> 375
<212> DNA
<213> Homo sapiens

<400> 1455
cgttgctgtc ggaaatggta aatgatgtac aagaattgcc agaagagtca aaactgcatt 60
attaataatt gtgaaaaaatt acaagcaaaa cagctcaaat tcatggaga ttaataaata 120
ggaggtggga tagttatgta ataaattatt ataccgaaac ttaaatagat gaattagagc 180
ctcatgagtc aaccaggata aattttttta aagttcagag taataaataa ggcgcaggct 240
tacatttata atataatata tgaaaaacta aatactaaat acttatccaa cataggtaat 300
aatagttcaa acatgcattg aatggaaaaa caaattcag gtagtggtta tctctgggaa 360
ggaatgagtg aattt 375

<210> 1456
<211> 343
<212> DNA

<213> Homo sapiens

<400> 1456

agggtggagc	ctgcccctect	ccacctgaca	cccccaacca	ggcctggggc	tgggtgtctc	60
cagctccaa	tcttcccctc	tccaacagcc	acttaaaagg	ctccctctgg	ctcttctcag	120
agaagaaaa	caaaagaagg	agagaggagg	gaaaggcagt	agttcagggc	atggattcaa	180
atctgcatgt	aggagatgga	aaagcaaagg	aggagatggg	cagagacaca	ggaagagcag	240
gagatgtagg	gtgtggcctt	agcacttgct	gggaggtagg	ggtgggacaa	ctgagtgagg	300
agctggccta	gagagcagac	tgtggagttt	agtctctgatg	gtg		343

<210> 1457

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1457

tctacacttg	gattaagaca	agacaagaga	cttcgatgtg	acatgacgca	ccacattagg	60
atagcggagt	aaaggatgct	tgatatgaga	cagtggtctat	gctatagtgt	tattctaatac	120
caataggagc	tgaagcagac	ccttttgaaa	cctcctgtgc	gatagttttt	tgattgacgg	180
acatgaggcg	cagtggggaag	tttttttctt	tcttaaaaaac	agattgagag	agttctcaatc	240
tcaagggccca	gttaagaana	tcatgggtga	gcctgtaatc	ccagcacttt	gggaggctga	300
ggcaggcaga	tcacttgagg	tcaggaaatc	aagaccagcc	tggccaacat	ggtgaaacct	360
tgt						363

<210> 1458

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1458

aggctttcag	aaataaccaa	gaacatcaaa	aataaaggag	acttttcaaa	gtgaaaaaatg	60
cagtaatacaa	aaatgaactc	aaaagagaga	ttaaatagat	tagacacaca	tgaagagaaa	120
cttagtaagt	gagaagctct	atcagaagaa	attatgccta	atcacatggag	acaaagaaat	180
ggaaaaatatt	caagaggagt	taggaaacgt	gtaggaaaga	atgaacagct	ttaattgtagt	240
ttgaattgat	atgcaagaaa	taggaaatgc	aggcccggtg	caatggctca	tgctgttaatt	300
tctagcactt	tgggaagctg	agggtgggtg	atcac			335

<210> 1459

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1459

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agcctcattt	tcttagaana	ctaattattc	agttattcat	gacaatattt	ttttaaaagt	120
aagaaattct	gagttgtctt	cttgagctg	taggtcttga	agcagcaaac	tctttcaggg	180
gttgagagaca	gaaacccatt	ctccaatctc	agtagttttt	tgaagaggct	gtgatcattt	240
attgatcgtg	atatgacttg	ttactagggt	actgacaaaa	tgtctaaggc	ctttacagaaa	300
acatttttag	taatgaggat	gagaactttt	tcaaatagca			340

<210> 1460

<211> 258

<212> DNA

<213> Homo sapiens

<400> 1460

cacaaattgc	tctttgtcta	aagatcttct	tttgttttgt	ttacttttct	tagtgcattg	60
------------	------------	------------	------------	------------	------------	----

tatatcttgt	ctaaattaaa	tccaattacg	ttacaacat	ttataaaca	ttttctcct	120
gtgttcaaaa	gtgattttgt	ttatacttca	tcagggcggt	cagtggttgg	gcagatcaag	180
aaactatat	ttaggccagg	cacgggtggc	tgtaatccca	gcactttggg	gggccaaggc	240
aggcgaatca	cttgaagc					258

<210> 1461

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1461

atttaaagaa	atgaagatat	gtccctattt	ctgtactgta	taatttcaat	tgtttttcgc	60
ttgctctaaa	gttctttatca	tcaataatta	tgtaacacta	ttatatactc	actatgacac	120
ttttaagaat	ggaaaaacta	ttcttaggca	tattttattt	ttaaaaactt	cttaactata	180
taataagaaga	gcagagattt	tgtctctctt	tttaaacatt	tactggctga	atatttttca	240
atgacactta	ctattttgtat	aagtttcaaa	ccagatttga	ttccaggcca	ccagaatgaa	300
atcattacct	gagtcaacag	gattacctat	aggcccg			337

<210> 1462

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1462

cgggggcagc	aacaaggggc	aacagccctg	gtgctgtgta	gagatccaca	aaactgtcac	60
cttcactaac	tggtatgtgg	tgatgttggg	acctcaaaag	actcaatgtc	tctttttctt	120
ccagaaaggg	ccaaaatgac	ctctaatga	cagatttctc	atcaagggca	tatttctggg	180
ccctaataata	aaaaatcaag	agttatttca	attattcacc	ccccaccttc	cctgaatat	240
ccagatgtca	ctaaggaaag	tctaagatgt	ggaacttttg	ctgcaactta	ctggaaacat	300
tcgtccgtta	ctcacttaaa	ttattcaagc	aaattagggg			340

<210> 1463

<211> 339

<212> DNA

<213> Homo sapiens

<400> 1463

aacactaata	tttatatgta	ataagtctaa	aaaatagaca	ccaacagcca	gaaactgagt	60
agaaatcaaa	atctaataga	agacaaagac	ttcaaggat	aagaacagat	taagtgcagg	120
ctgaatccaa	aatggactat	ataaactagg	aagcaaggta	taagatacta	ttcttagatt	180
cacaggaact	gaaataaaac	atctaactct	caacttataa	ttcatatagc	actaaactag	240
gttctatagt	ttttattcct	ataaaaaagt	gtgttcaaac	aaaactcatt	attgttgatg	300
ggaacaacaa	ctgtgcctta	cagctcaaac	ttatgtaa			339

<210> 1464

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 1464

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atgcaaatgt	acttctgaat	gcgcacgtat	gtctttatat	acagatagct	tttaacaaat	120

agcagggtggg	gccggcactg	tggctccac	ctgtaattcc	aggacttttg	gaggctgagg	180
cggggggatc	acttgaggcc	agaagttgga	gaccagcctg	gccacatcgg	tgaacaccca	240
tctctactaa	aaatacaaaa	attanctggg	cgtgggtggc	ggtgtctgta	gtcccagcta	300
ctcaaggagg	tgatgcagga	aaatcgcttg	aacccaagg			339

<210> 1465

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1465						
ctgactcttc	taccctgctc	atattttccc	ccaaaccatc	cctcttccca	ccttttagtt	60
tttgaatccg	actaaaggaa	ctgaattcca	agagtcgaat	aaattaaaga	aaaaaaagtc	120
atacaatccc	tacatccagg	aaataccaat	gtaattattat	gggctttttt	tgggtatgcg	180
tttaagaaaa	tactatttac	ataaaaagtt	aaatatccaa	tgttttgctt	ttaacttaat	240
gtcattaaat	taataaaaca	ctaagtttac	acatttattt	aaaagtacca	agggtactttt	300
aatgaatata	agataattta	cttgactact	gcttttaa			337

<210> 1466

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1466						
aaatcctata	tttctgggtt	cggacatttt	ggctattaaa	caggaataact	ccaaactatc	60
tctttcaaac	caattatttt	tcaattttat	aaatcttcca	ataagcaaaa	agcaaccaca	120
accataagaa	caaagaatat	ggctacattt	atatagtatg	ttctttttca	tactactctgt	180
aaaggcaaat	ttgaagcttc	tagttgttta	caogttatca	gtgatgagat	aaaaatgtta	240
gcataaaaa	ttggaaagca	ttaaatataa	taggaattag	agattgatta	tgtcaatctg	300
atcagtaaat	catgctgatt	tactgaaaac	aaattaca			338

<210> 1467

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1467						
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agagaaccc	cctttctctg	tgcccactct	atgatctttt	gaacatgggt	tacctccctt	120
cggcgctttt	ggaacataag	gcaagcacaa	gctcttgagt	ctctagtctc	tgtgtgtcatc	180
tactcttctc	gcctctggca	cctccagctc	cctgaacttc	ctctgtctac	ccctggagcc	240
agagacgtgg	ctgggaagag	ccctcgctct	ttgaagccag	agggtgggtgt	gaccaggggg	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccag			337

<210> 1468

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1468						
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catttttgag	gtatcctctt	ggttttgggg	cctcatctgg	cattgcttgc	tcaggccagg	120
cccagcaagc	gggggttagg	gcagggcaca	cactggctac	gggggtctct	gcagcaggac	180
agagggggct	ccctactttt	atttttctgt	gggggctcct	tgaactgttt	gcgaagctga	240
tactcggtgt	tatctggtgt	gttttataat	tttttttagg	atgtgtgtgt	tcttcccttg	300
gaggggggtc	cgtctttaat	ttttctgcgg	gggggttt			338

<210> 1469
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1469
 gaagaatgag gatcaaaaagg taaaatactt tataaattaa tttttctttt ctttatcttc 60
 cgtgactgct ataaagactg tgaagggtga aggcataatg agtagaactt ctttacatcc 120
 acaatgtatg ggaactactg tagtctacac agttgacagt gtaacataag cttactacaga 180
 tcaagtctatt attataattc tatggccacc atctgtccct actcatagta agtttacaga 240
 gacgataaaa gatctaattt cagttctacc gatcccatg gctttataaa cctttaactg 300
 aagcttagca aaaggattag tagaaaaacg 329

<210> 1470
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1470
 ggcagccttc atgacccaca tgtgaatgtg tcttatatca aatattatgt ttaatttaatt 60
 tatgtgcaat tgaggtagaa taaaagaaga aaaaaaagac taggacaagt ggaagaagaaa 120
 gagtagcaca gtacattttac agcagttgga aattatatac tttgcataag aggtaactcag 180
 gatatagact aagcagcact tacaagaata ttccaaacaa aactaatgtg caaacaataa 240
 agaaggtatc tctaccactt tctctcatto atttaatatg ttagttatca tccaataaaa 300
 atttaagaca cggtgggtgctg 332

<210> 1471
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 1471
 accaccactca gctctccagc gtgctgggat tccaggtgtg agccactgca cccagccagg 60
 tgtgatTTTT aggcggaatc ttaacacagt attgaaagat ttcttcaaac cagaagaaaa 120
 gcaggtatct gaaacatttt agtgcgtggc acagagttgg agatgaacag ggaagctgag 180
 gatcgccgcc acggtctggc gcaaatgaga ggagaccgca gcgcacaaca ttgacatgac 240
 ttctgttggt catgcggcct cttggaaaat gtttttccat gaactgttgt ttagaatgtg 300
 ct 302

<210> 1472
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1472
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 ttggcctggt tggaaaagggt tgtcataatt tctcaggtaa ctccaaaaag agaaagctac 120
 gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa 180
 agcgtatacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcttc 240
 ttgagttagaa tcataattta gaactctaaa aatgaccgga aacaaaactg tccaagtgtg 300
 tttaacgtaa tgtgtttcaa cttatttgac t 331

<210> 1473
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1473
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 atagaagcct tctttccttg ttgccactct tgtatctttt gaacatgggt tacctgcctt 120
 cgcgtctttt ggaacaaaag ggaatcataa gctcttgagt ctctgttttc tctgtctc 180
 tactcttctc gctcttgcca cctccagcct cctgactttc tctgtcttcc ccttgaggcc 240
 agagacgtgg ctgggaagag cccctggcct ttgaagccag tggcgggtgg gaccaggggc 300
 aacaggccac tgtgtcctg gatgcgtgg 329

<210> 1474
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1474
 gggggggcgg taaacgacag aagggaactg ttgtattttt aatagacaat ttcacgacgt 60
 tggcgaggct ggtcttgaa cctgacactc aggtgatcca cccgcctcag cctctcaaa 120
 cgtctgggaca ggcgtgagac accgtgctgg gcagtagta acttctaag gataatgtat 180
 gctgtggggg taaaggggag taccagtatt tttatttcta acacataac aaaacaccag 240
 ctgtctgttc accctgaaga accctgggca cagagcttat tcatattatc gtgccatcgt 300
 gccctatgca ttcttcaatg ggc 323

<210> 1475
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1475
 atccattgtt aaagaaataa atcagcgctt caaagacaaa ctccagtgcc ccatccaat 60
 cgaattcatt atgaccgtga ttgcagcagg tgtatcctac ggctgtgact ttaaaaaacag 120
 gtttaaagtg gctgtgggtg gggacatgaa tctctggatt cagcccccata ttacacctga 180
 cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc atcgcaatgg ttgcatcttg 240
 agtggccttt teagttgcca gcgtctattc cctcaaatac gattatccac ttgatggcaa 300
 tcaggagtta atagcccttg gactgggt 328

<210> 1476
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1476
 gagagaggac agagaggcgg gtcacagctt gacctggggt ggctccttcc agctttgggt 60
 catagagagg aatttgctt ttcccttaag tgcacatgga aattgttgta agattttgag 120
 cagggtcgtc ccattatttg acttatgtg taacagcgtg agagttaaga atttctgct 180
 agggcaggcg cagtggctca cgcctataat cccaacattt tgggaggcgg aggttggtaca 240
 cttgaggtca ggaagttcag accagctcgg ccaacatggc aaaaccctgt ctctactgaa 300
 aaatacaaa attaggttgg gca 323

<210> 1477
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 1477
 ggaacctgaa atgagaaaag ggtagtgaag gaagacttga tgtccttcat aactggcctg 60
 catcctgcc agccctcctt ttctttccag aagcccacca gtggcccaga gtggaagggt 120
 gggagtcaga ccagt 135

<210> 1478
 <211> 318
 <212> DNA
 <213> Homo sapiens

 <400> 1478
 ttgcctacaa tttctaccag tattttctat aagcatgcaa atctagtata ggtagaggat 60
 attacagggt aattaatctc ttggcatctg gtctaccag gccagtgct ttgtcttga 120
 acaaacaaaat aaaaaaaaaa cacagagaaa taaccatgca aatatgagaa atgttgcaga 180
 aatttgaat tgagacagct tcctcttttc tataggattt ttttttaggg gaaaacaatc 240
 tctatatca gtcttatata ttacctgcct tcaaaaaatc aaaacattga aagttaagca 300
 aaattcctgt cagaaagg 318

 <210> 1479
 <211> 292
 <212> DNA
 <213> Homo sapiens

 <400> 1479
 aaatggacga agggagaaaa agaaaggaga agagtttgaa gacagaagaa attaaggaaa 60
 gtaaacataa gcaattgaaa ctattttggca atcctttccc tctcaactct aaggcttatt 120
 ctaaatagg gggttttctag atatacaatc atgtcatctg caaacaggga caatttgact 180
 tcctcttttc ctaattgaac accctaaatt aggaagatta aacacctaaa atgtcaaac 240
 tttcatttaa agaattgtgg agagccgggt gcaagtggcc cacacctata at 292

 <210> 1480
 <211> 324
 <212> DNA
 <213> Homo sapiens

 <400> 1480
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 agtcttgact ctaagaatac ccaaaaagaa aggtaatgca aatttcaaac ataccacatg 120
 cattttcttt tccttcccaa atcccaataa ggctattttt tttaaatcca gggtctagtc 180
 ctggttttgt catgacctta atttaccott caccataatca cctttgactc agttctttca 240
 tctataaact gaggggcttg gctcactga gttctaattg cctttatata tttaatcttc 300
 tatgagtcta agatgcaatt tctc 324

 <210> 1481
 <211> 325
 <212> DNA
 <213> Homo sapiens

 <400> 1481
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 tttaaagaca atattgtacc tttattttta ttattataca tttcttacat tgtcttatga 120
 ttctgatggg ttctcagtga tccactgaaa acacctttat aatcactgaa taggatatta 180
 aagaagtgtt tttcttgact ttatcacatt gcttttgat ctttgaaact ggagagaaaa 240
 gtccgggcaca gtggctcatg cctgtaatcc caacactttg agaggccaac aagtttgagt 300
 ccaggagtcc aagacacctt gggca 325

 <210> 1482
 <211> 322
 <212> DNA
 <213> Homo sapiens

 <400> 1482


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aagggtggctt tactaatcga tattcttata ctgacaagtg ctcaaacatg gogtgggcaa 60
gccttcacta agcaotgatt agcagttaat ctgtctttca ggcagctaac tttgctgagt 120
aaatgtacca atgaccctca aaaatgctac aataatttta ttaataata tgcaagtctt 180
aggaaacacct ctaaatcata aaaagaaaaa gaaaaaatag aatgggtgac actaacaatg 240
tgtatttttt gttcattgct aaaaaaaaaa tgaaggtacg gtgtcaagtt tcatgggtga 300
ctttttcttc ttagtcggaa at
322

<210> 1483
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1483
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gtctctctgc tcagcctccc aagtagctga gattacaggc ttgggccacc actcccggtc 120
aatttttttt gcatttttag tagagatggg ggtcctcccc cgtgcctccc ctaccactca 180
tttcgatccc ctcaaatcca tcttctccct gctctctggt ctacattatc ctgacctgac 240
ggaatatcgt tctgcatggc tcgcttcccg atattttccc cttgcacatc accggttact 300
catgttattg cccctcgag
319

<210> 1484
<211> 322
<212> DNA
<213> Homo sapiens

<400> 1484
tcagctaatt cactcttttc ttctttctgg taaggaaatt gaggtctcag ggtgattttg 60
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gctgagcgac ctgcacacaa ctgcaagaaa ttgttccatc acaaaacttc aggatgattg 180
gggttctctc tttttctctc ttttattcca agcttaaaaa aaaaaatctg ctgaacgtcc 240
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ttttactttt cacttggctc tg
322

<210> 1485
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1485
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aactaaagca ttttaaaata taacctttac aataacaaaa agagagttaa ctgctcggtt 180
cccattgaag ttcatgaagt tgatatactg tagcaatcaa aattctcaag attaatattt 240
catgacagaa tacctggatt tagggccagg cgaggtggct cagcctgta atccagcac 300
tttgggaagc caaggccggc c
321

<210> 1486
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1486
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aaaaaaatat agaatatata agcaatgttc tcaaaaatct attagcagta aaataaaaaa 120
tttttcttat agtgaaaaag taatcaccat gataaagcaa attccaatat aagtacagaa 180
atatcataca aaatatttta cagtttttag ttccattctc gttatgtatg ttagttaaca 240
aaaattagaa tatttttaag cctatgtatg acagttaact atcagaatta ttcttgtaca 300

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ttgagaacac tagacagtag g

321

<210> 1487

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 1487

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ttctcttaat	aactgttaact	atagaacttg	ctcagtgctt	tactcttagg	agaggcttca	180
gaaatatatta	ttgcatgcaa	ttactgaata	tatggcacat	gtaacatctg	ttgtatcaac	240
agataaacag	gattctgagc	tggttttttc	tccattgggc	ttcagggtaca	tagaaatgga	300
ttgacggcgc	ggcgtgggtg	cn				322

<210> 1488

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1488

agaagggggg	caacctgcc	tgccactgct	gcctgtgtat	gtgcatccca	ccctctctcc	60
cgctgctgaa	ccaccactgt	agttagaaca	ttgtcgggga	cagagccca	cagccccgt	120
cctgccaggg	ccactctctg	tgctgaaatt	atcaccagca	tgaaactaga	catgaagaaa	180
agcagacct	gcccttccct	gagtgggcac	tccctgccat	gggaacacac	acagagtggt	240
cacacagtc	tgccaccaac	agtgccccc	ccctgcacta	acatcactgc	tggttcacac	300
accacaggt	atggggaggg	gcgttttccc	aagc			334

<210> 1489

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1489

aggtgtatcc	tacggctgtg	actttaaaaa	cagggttaaa	gtggctgtgg	ttggggacat	60
gaatcctgga	tttcagcccc	ctattacacc	tgacgtggag	actttccaaa	acaccgtagg	120
agattgcttc	ggcatcgcaa	tggttgctat	tgacgtggcc	ttttcagttg	ccagcgtcta	180
ttccctcaaa	tacgattatc	cacttgatgg	caatcaggag	ttaatagcct	tggggactggg	240
taacatagtc	tgtggagtat	tcagaggatt	tgctggggag	actgcctctt	ccagatcagc	300
agttcaggag	agcccaggag	gg				322

<210> 1490

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1490

tcggcgtgct	atatctctat	tgagggatgc	atttgccgtc	tgccctctct	ttctgtgtgt	60
ttgtgttagt	tgatttgttc	gttttaggtc	tttaagtatg	ttttgttttc	gtattgtgtt	120
tggttatca	tgtatttttg	tggtcagggt	gtcttg			156

<210> 1491

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<211> 233
<212> DNA
<213> Homo sapiens

<400> 1491
tcttatagggt gattttctgtc ttatagggtga ttataaatcaa gtgtagggtt cctgaatttt 60
gacatccttt tagaacttgg gtctggaatt ccagaaatgt taattgctgc ttgtatttgt 120
tcttgtttgt ttttttagcca gtatttgccc tttctatcca gccttatgaa taatagcagt 180
aaaatcacag tatcttggtc agtctttatt ttttctctt gttctttttt acg 233

<210> 1492
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1492
tcactcaaaag gtttcattgt ctgaaatctc agcctaaaag tagtttatgt ttagggaagca 60
acaacgctga atagtcctac atccaaacgg agtggattta ggtttcactt tttcaaggaa 120
aaaccatcaa ataaattttc cacatactta taaaccatcc cagctataga atccattttt 180
actgacacaa atttagtacc aataaaacgac tctctctctc aatttgtttt atttaacaat 240
aagtcttgaa cgtcattccc agttaacatt ttgaagagtt tctctctctt cgttctgctt 300
tagctgcaaa gtattct 317

<210> 1493
<211> 314
<212> DNA
<213> Homo sapiens

<400> 1493
cagaggatta agttgagcat ggggcctcat tacagggcag ggactctgtg actgcactgc 60
cactttccca taaagcctgc cttggggatg ggaataacca cgtaggaaag agagtcttta 120
aagtgttctg gggacagggt ttaaaagtta ttgaatgact taagagctcg tgatgtcctt 180
tagatacaaa agattttcac gtgggggaagg acattaaatt tgttttttat aaagttcact 240
ctggcgtcta atcatgtaga aagactagta ggtaagtc aaataaaact gttggatagt 300
ctaggaaagt gggt 314

<210> 1494
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 1494
taatgttaga ggaactgtgaa agttggggaa agaagtttag tttgtaggta cttgtttttt 60
tgagcagggg attgtcttgg ctggaggtga atgtcagata ggttaatgta ggaagtgtga 120
gaatggaaat gaaggtgtga tcatttagga ggttatttgt ttaggtgaga gaagtaatga 180
attaggtttt gtattaacga atgaaaatgg gagcagataa atttttaaca aattagaagt 240
catattttaa aatcagcacc aggcacctag aactcattgg caaatagaaa ctttcaaaag 300
atataatcag gtn 313

<210> 1495
<211> 314
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 1495

gtgccttccc	atcagccccc	gtgctgggta	ccggggaacc	tggggttcct	ggtttgagct	60
cagggagagc	cttggggccac	taggggtacc	ccaacgcgtg	ggaagcccca	tgacagggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tactggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgc	ttcccatcag	tccttcgcgt	240
ggggcccggt	gacccaggcg	accctggttc	taggcctggg	tgacacctan	gcccgcctag	300
tgtaccccaa	agca					314

<210> 1496

<211> 312

<212> DNA

<213> Homo sapiens

<400> 1496

acagtcagag	gtaaagaggt	cactgatgat	cttggtcaga	ggagtttcag	gagcctgaca	60
gggacgggaag	ccggcaagcc	cgaatcagg	gaaggagtgg	gaggtgagaa	cagatgatca	120
agggcagatg	actcttgcaa	ggcgtggctg	agaagcatag	agacacagtg	aggctcttgg	180
gggacaactg	gaaggcatgg	ggcactttga	ttttaactca	gggaacctgt	agcttaccta	240
agtgcagatg	gccagtcaca	gctgcaaccc	atagactaag	aagccatggg	ccaggtgcag	300
tggctcacac	ct					312

<210> 1497

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1497

gcgtgtgtga	gtgggtgcat	gtgtgagtgg	gtgctgctgc	gtgtgtgagt	ggatgcatgt	60
gtgtgtatga	gtgggtgcat	gtgtgctgta	gtgggtgcat	gtgtgctgta	gtggatgcat	120
gtgtgctgtg	gtgagtgggt	gcattgtgtc	gtgtgttaat	gggtgcatgt	gtgctgtgta	180
gtgggtgcat	gtatgtattc	gtgggtgcat	gtgtgacagt	gtgagtgggt	atgctgtgct	240
gtgtgagtgg	gtgcatgtgt	gaatgggtgt	gtgtgctgtg	gtgaatgagt	gcattgtgtc	300
atgtgtgaat	gggg					314

<210> 1498

<211> 307

<212> DNA

<213> Homo sapiens

<400> 1498

ggaggcggct	gtggcatttt	gctcacattg	gatacctgat	tgggacattt	atttaaaatg	60
ctacccattt	tcaaaatttt	gagccaaacat	catgatttaa	ttataccggc	ttcatcgcaa	120
gttttacaat	cgataaaagc	aaggcccaat	tcattagcta	tttttttctt	tatataaacat	180
gccttaaaaca	ttcatttttt	cttgtgaaaa	aatgaaatgc	acaattttta	taaaatttcta	240
attatgacgg	ctgacatttc	aattaaaaac	ctgcattttt	gttttagagg	ctcttttaata	300
atattag						307

<210> 1499

<211> 251

<212> DNA

<213> Homo sapiens

<400> 1499

gaacaataact	tttctctaac	atcgtaacgag	gaagaaaaca	aacacatcag	atattttcag	60
cactaaaaga	gatggctttc	cccacatata	tgtaaaagaa	atatgcaaga	ctactggatt	120
ttgatctcat	gggtgcagcg	ggtgaatagg	tggccttttg	tgatctccta	catcacctcg	180
gaagtgaagc	ttcttcgggt	tcttctagag	tcagattggg	atcagaatgg	catagcaact	240
taaccttgca	g					251

<210> 1500

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1500

tgacctggat	caactatgaa	catttacatt	tattagttaa	catctacatt	ggctaaactg	60
tagcatctga	cttgatgtca	tcttaaaata	atatctcctt	cggagtattt	tcttcaactct	120
gtaattgcta	actgctttcc	tatttgtttt	gttaacttatt	tctttaatta	gagaatatct	180
ttaaaaataa	aatttgagca	aggattgtag	atacctgaga	tttagtctgc	ctctgcttta	240
aatcagtgtg	ccagtttgct	aagtttgcca	taatgaagta	ccacagagaa	cgagtagttt	300
aaacggcag						309

<210> 1501

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1501

gtgccttccc	atcagccctt	gtgctgggta	cgggggaacc	tgggggtcct	ggtttgagct	60
cagggagagc	cttgggccac	taggggtacc	ccaacgcggt	ggaagccca	tgagagggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tattggcgag	aaagaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggcccgcgt	gaccacggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgctagg	300
tgtacccca						309

<210> 1502

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (306)

<223> n = A,T,C or G

<400> 1502

ggactttggc	aaagagcctg	cgcaaatgct	gtcacccgata	ttccagtcctg	gatccctagaa	60
agggttcaatt	ctacttcaac	aaagaaaatt	tttgagttat	aggaataagg	acggtaattct	120
gcattttgtc	tctttgtatc	ttcagtaatt	tacttggctc	cgtcagggtt	gagcagtcac	180
tttaggataa	gaatgtgcct	ctcaagcctt	gactccctgg	tattcttttt	ttgattgcatt	240
tcaacttcgt	tacttgagct	tcagcaactt	aagaacttct	gaagtctctta	nagatctgaa	300
gttctct						306

<210> 1503

<211> 283

<212> DNA

<213> Homo sapiens

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<400> 1503
cattatagtt gattttgcta aatcttaatt taaaagcctc attttcctag aaatctaatt      60
attcagttat tcatgacaat atttttttaa aagtaagaaa ttctgagttg tcttcttgga      120
gctgtaggtc ttgaagcagc aacgtctcttc aggggttgga gacagaaacc cattctccaa      180
tctcagtagt tttttcgaaa ggctgtgato atttattgat cgtgataga cttgttacta      240
gggtactgaa aaaaaatgtc taaggccttt acagaaacat ttt                                283

<210> 1504
<211> 282
<212> DNA
<213> Homo sapiens

<400> 1504
gagccaccgt gcttggcctc accattgtta aaattatgga aatcgtgttt gcaaagcagg      60
ttggcctggt tggaaaaggg tgtcataaatt tctcaggtaa ctccaaaaag agaaagctac      120
gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa      180
agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc      240
ttgagtgaag tcataattta gaactctaaa aatgaccgga aa                                282

<210> 1505
<211> 380
<212> DNA
<213> Homo sapiens

<400> 1505
atggatgaag atttgcagc ctcccaggat cactctcaag cctgactctc gatacaagag      60
aaaatgactt tattcaagag cctgatggat agatttgagc atcattcgaa cattctcctt      120
acctttgaaa ataaggatga aaatcacttg ccattgggtac caccatacaa attggaggaa      180
atgaaaagac gaatcaacaa cattttggaa aaaaatttat tctacttcta gaatttcatt      240
actacaagtg cttagtctct gggttggtag atgaagtgaa atcaaaaattg gatatttgga      300
acattaaata tgggagcaga gaatctgtgg aattattgct ggaagactgg cataaattta      360
ttgaagaaa aagaattcct                                380

<210> 1506
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1506
ctgatttgga gctggctgac aggaagtgtc tcaacccacc aggagtatgc tgatgtaaaa      60
cagagaagaa ttcagttccc acaacagaaa gcaaaggctt tagccttatt ttatgccaga      120
ctagctgact ccagggacca tgatctgtgt ttctctgaaa atcattctac ttcttaattt      180
ctctaaaact acaaaaactt ttctctctct ctctctcttt atcttctctc tctataacaa      240
ccaggctttt gaaggtatca ggggtgggaa agaaaagggt ctaatagggt aatatgtatt      300
gaaagaagtc gatgaaataa atttttaaaa acatcaagta aaataggcaa cac                                353

<210> 1507
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

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<400> 1507
 tccacgggat acctggggac tgggtgactg cactgactg gtggaaagta ntactcaccg 60
 ccatgcacca gcctccctcg cccagtgaa cctgccaac ccaccacct ccagagcctc 120
 acccttgca ccaactgcc gcaagagtga aactaggaag ggagaacaat ggacctcccc 180
 tacctgagc agccacccca cctgagtgat catgcacaga gggcaggac agacctgcac 240
 ccgccagac ccgaccccca tgctaatacc accaccagca cagtaggcag caggggcccc 300
 caaagcagta ttgctctg tctgtctgtg aatgcctgca gggaggc 347

<210> 1508
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 1508
 tgggaacaat ccaaagagtc taagtttctt ttccatccag cgtgagtttc ctatttagtg 60
 aagtaaaagt caacttttat caatagtttc attctcttgt ggtatgtaaa acctacacac 120
 actcagaggg acccagagga aactacactc tgagggtatta gtaaatcttc tgcaag 176

<210> 1509
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1509
 ggagtgggac tgggagtga acccagctca attcctaata ggttgaagat atgattacct 60
 caatgcagtc tgcttatcag aaaggcatat catatcatcc ggatgtttta tatacaatgg 120
 ttggcataca acaaaagact gttagatgat gaaggaagca agaaaaatgtg accaaatcaa 180
 gagaaaacaa aaccaataaa agaatatcca gataattgag ttagcaaatg agaaccttaa 240
 aataactgat taaccaagttt tagatgataa aagaaadagag aacttccgtg ggaatctgca 300
 gaaatgggtg aaaaatgaata ttctacaact ggag 334

<210> 1510
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1510
 tccgataaag caagtcccac ttcattagtt ttttttttct ttatataata tgccttaaac 60
 attcattttt tcatgtgaaa aaatgaaatg cagaatttta ataaaaatc aattatgatg 120
 gctgacatca caattaaaaa cctgcatttt tgtttaaagg gctctttaat aatattaaat 180
 cttagcactc aagagttctt gtacatcatt gaaatctttt ggtcttggtta ttggaatatt 240
 cttoacgtaa gtatatcata gtaactgaa tttattttta agtattttta cagttttatt 300
 tcatattttg acattgtgaa ttggtttttt t 331

<210> 1511
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 1511
 atatctacat agatcttttt gcatgattcc accgattoca tccgcacgaa ttccgttgct 60
 gtogcctaag gtaacaaaaa tattatctgg aagagccaaa atttgaactc agatctctct 120
 ggccctacta aatgcacac cataaattat ttoatgggca atctttccct gcaccttaat 180
 tgatttattt ctgcccattg tatgtgttcc tacatcttta tggaaatttc tgacatggga 240
 atgccccag gtctgtgaag actggcttct ctgggggttg atcaataaat gaaggaaaaa 300
 ttctgcgggg gttatacaag atgggggggt gaagggggac aaattggtca atatagctcc 360
 cttcaaaaaa aaacctctag tatatctttg tgatgccaaa ctagagatta tttcctttgt 420

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aaaaagcaag gacg
434

<210> 1512
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 1512
cggtggtgtc ggggaggaga gcttggaaga tgtcttatgt ccacccccctg acaatgatga 60
tgggggtaaat gactttgata ttgaagatga agtagttgaa gtagaaaaata ggggaagaaaa 120
cctaactgaaa atttctcgca gagtgaaga gtacaaagtg gaaattttga atcctcccag 180
gggaaggaaaa aagcgttttg tgctagatgt tgattatata ttatttgacc acaggtcttg 240
tgacagagact ggggtagaat taatgcggcc atactctcat gaatttctaa catctgccta 300
tgaagattat gacattgtta tttggtctgc aacaaatgat aagtggaagt aagctaaaat 360
gaaagagctg ggaagtgcga caaatgcaaa ttataagatt actttcatgt tggatagtgc 420
tgn 423

<210> 1513
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 1513
cggttggtggtc gggggtagaa catatagaaa ttgaggtcat cgaagtcag gaaattgaan 60
ctcaggaggg ggaggtatgat acctttctaa cagcccaaga tggtagggaa aaagaaaaatg 120
agaagatgat accaggttct ggtgagggta cacaagaagt atctaaacct ctctcttcag 180
aaggagacct agctgaggct gatcacacag ctcatgaaga gatggaagct catacagactg 240
tgaagaagac tgaggtatgac aacatctcgg tcacaatcca ggctgaagat gccatcactc 300
tggtatttga tggcgatgac ctctagaaa caggtaaaaa tgtgagaagt acagattctg 360
aagcaagtga gccaaaagat gggcaggacg ccattgcaca gagcccgag aatgatagca 420
aggatn 426

<210> 1514
<211> 384
<212> DNA
<213> Homo sapiens

<400> 1514
catgcgccac cacacctgga tttttttttt ttttgcattt toagcaaaaa ttggcctttg 60
ccatgttgcc caggctggct tcaatctcct gacctcaagg gatcaacca cctcctcctc 120
ccaagggggg gggattatag gtgggagcca ctacacctgg acagaattta ccttatttgg 180
attggcaagg ggggaagtcc caaaacagac catgttctac aaactttgtg atttggggcc 240
aaggaaattga tgcttttttg gatccgcagg agcaacaaaa ttacctcac cttgcctggg 300
ggcggggggt cacacctgta atcccaccac tttgggaggg caaggcagga ggatcacagg 360
gtccagagat aaaaaccatc ctct 384

<210> 1515

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000010.00001


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<211> 413
<212> DNA
<213> Homo sapiens

<400> 1515
cggttgctgtc ggatcatttg aagcaaacct cagaaatcac ttatttccta aatatttaag      60
tatgcatctc taacttatta aaattttttt ggttttgttt ttgttttttc tgagacggaa      120
tttcgctctt gttgccacag ctggagtgca atggcgcaat ctgggctcgc tgcaacctct      180
gtctccacag ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcagctggg      240
tgtggtggcg ggggcctgta atctcaacta ctccggaggt tgaggcagga gaattgcttg      300
aacctgggag gtggagattg cagtgcgtg aaatcacgcc actgcactcg agcctgggca      360
actgaacgag actctgtctc aaaaaaaaaa ggccaggcat tgggggttca tgt      413

<210> 1516
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 1516
tacggctgct atgaagtcta cagaagggta cccctgccaa tgttaccctt ctcaatagcg      60
ttgcatttct tgaaagtctt ttatctttaa agttgtatgt ggattttcaa ctttatgttt      120
ttattttaaa aaataagatg tgatgttatt ttccaaagct caaaactatg tttaccctat      180
aagttacaag cctcctgggc cactatttca tttttaagaa gcagagaatt atgatgacct      240
atggatttca ggacctctga gggaaacttg atggggggac cattaatatt gtatgtgcgg      300
ccggggcgcg tggctcacgc ctgtaatccc agcacttggg agggcgaggc gggcggtatca      360
cgaggtcagg agatcgagac catcccggtc aaaacgggtga aaccccgctc ctactan      417

<210> 1517
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 1517
taccctgcc aatgttacc ttctcaatag cgttgcatct cttgaaagtc ttttatctta      60
aaagtgtgat gtggattttc aactttatgt ttttatttta aaaaaataa gtgtatgtta      120
tttttcaaat ctcaaaacta tgtttacct ataagttaca agcctcctgg gccacatatt      180
cattttttaag aagcagagaa ttatgatgac atatggattt caggacctct gagggaaact      240
gcattgggggg accattaata ttgtatgtgc ggcggggcgc ggtggctcac gccgtgtaac      300
ccagcacttg ggaggccgag gcggggcggt cagcagggtca ggagatcgag accatcctcg      360
ctaanacggt gaaacc

<210> 1518
<211> 416
<212> DNA
<213> Homo sapiens

<220>

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<221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1518
 cggtgctgtc gcattatcat ggaattgaat attgcttggg tgaccgaaaa gctttggaaa 60
 gagatggagg attttctgaa cttcagtcct gctttattcg ttatgaaact caaactacct 120
 gcaccagaga aagttttcca gtacctactg tgttgagccc tcttccatct cctgtagttt 180
 cgctcagatcc tgggaagtgtc cctgacggag aagttttaca aaatgaactt cgaactgaag 240
 tatcccgatt gaaacggaga tctaagatgc tgaattgcct ttatcccaga aaaagacttg 300
 tgaaatcctg aagttcagag tctcttcttt ctgacacac tggtaatagt aatcactatc 360
 atcatcatgt gacatccaga aagccacaaa cagagcggtc cttaccagtg acttgn 416

<210> 1519
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 1519
 cggtgctgtc ggggctgttg tgagagctat aggcttggac gtaaaacaat gctagatgtg 60
 gtgtctgcctc ctgagcttaa aagtagcttg agaaagacag tgatattatc agaaaaaat 120
 gtgcataatg aaaaagttgaa acttttaaaa actcactcaa aactaagttt taaaaagag 180
 ccaccgcgcc cagcctgaga cgtgttttaa agactgacct ttgtttcttt tctagatata 240
 aaatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tggcatataa 300
 ttattttaac ttgccatag aaaacctaaag gcacagggag gtaactcgcc tacaggtgca 360
 gccctaggaa gtcagggagc caggattcac tgtcagctga ctgactc 407

<210> 1520
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1520
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 ctgagctagat agcataggcg ggcgagaagc cagttgtggg caaaatgctt tctatgaacg 180
 gaggaagttaa gtgcaaaagg cctggggtgg gaattgtcac aatgaaacca acatgggtgca 240
 gccagacacg gcagtgtggc ccacaggagg ctggacaccc ctttggccca gcccatgcct 300
 tctggggcagg ccacaccgcc tgtcctttct ggtctgtttg aggaagttag aatcagatag 360
 agaaattccc acctctgttc tttgttcctt tgtctcagct 400

<210> 1521
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 1521
 tacggctgcg ttaagactac agaagggtgc gaccccaagt cagccttctt agaaccctcc 60
 acctcaggcc gctcgggggc atgcccggat ttgttgtgtg tagaggggcg ctgccgcgag 120
 ggaatgccgg atttcagtc ctccggactt acaagcaaaa tggctgcttc tcgacctctt 180
 agctggggct taggggtgtc ctggctggcc aagagtatga cctaggttca aatcctcact 240
 cgcgaagttt cgtatctcag ttccacagt agtaaaatga gataataata gtacatatata 300
 tcatagagtt gatgtgcgga gtacatgaat ttaaacatct agagccaggg cagggcggtg 360
 gctcactcgt gtaatccag caatttgaa ggtggaggcg ggaggatctc ttgagc 416

<210> 1522
 <211> 417

<212> DNA
 <213> Homo sapiens

<400> 1522
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 ggcttctgga ctctgcagtc caggtctccc ttctccact tgcctaccct caatgccaca 120
 ctgtttttga agtggcccat aacttgaagg aaaagtttaa agacagttca atttaactcat 180
 cagaatgcac tctttttttt ttccggagacg gagtttact ctactgccc aggcctggagt 240
 gcaatggtgc aatgatctcg gctcactgca acctctgctt cctgggttca agtgattctc 300
 cagccctcagc ctcccagta gctgggatta tggcgcccca ccaccatgcc cagctaattt 360
 ttggattttt ttttttaaaa aaaatggggt ttcccccagg ggggcccaagt ctctggcg 417

<210> 1523
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1523
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 cagtgtttgt tcttgctcct gctccctttt cctggaatgg ctgcccctgt tctccacact 120
 gaaacatcct tcttctctct tcaggtoccca agcagggtgt ctaetacccc catggggttt 180
 gcacacacct gcaactgtagt atgtgttgca ctgtgtggtc atgggtttcca ggttgattgc 240
 agacagcaag cctgggagtt tctggagatc tcaagagtga ggctcctca gctgtgtgcc 300
 tccatgcctc acctattgcc tcaactgcaa cagggtgctca acaagtgttt gctgttaagt 360
 aaaagtgaag ggggtgtgac aaaaaa 387

<210> 1524
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 1524
 gcttgccagt ctttgctttg ataggtgggt tttgcttag ctacgataaa ttgtttctac 60
 ttttctaag agggatgagg aagtatttac tttgtgagat tggaaaaccg tgtggttgg 120
 gtggaaaaata agcatgttat taataaacag ctagtcttgt gctccatact ctgtgatgga 180
 aggtagaat aacctgcct ctattgctga gatttaaaaa aataaaaagc taggtacta 240
 cccgtgcctt cctcgtccac aacacaggca cagggtggca ggtagtgtg agaaacaggc 300
 tgccaagatg gtcctggat gactaggagg tgtgtgatgt gcgtccagt gtctggatgg 360
 gccaactgga atctctcatt gtgtggttca tgctgtgtg tgca 404

<210> 1525
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 1525
 cagaacccaa agcgggaagca ggctccaggt ctcgagctc atccagcaca cctacgagcc 60
 cgaagccct cctgcagtc ccaaaaccca gtctggcagc acggcccgct atcccgaga 120
 aaccaagaac cgctcacgg cctgatgaca ttccagact tccatctagc ccgaaagtgt 180
 cccttctctt acctgtcctg aaaaaagttc ctccagacaa agagagagat gccacagta 240
 gcccccagcc cagccccagg acattttcac aggaagtttc aaggagaagc gggggccagc 300
 agggccagg gatatcaagaa caaaagcaac ggtctccag taagaatggc catcaaggca 360
 gcaaatctaa tgactccggg gaagaagcag aaaaagagt tatttttgtg taagg 416

<210> 1526
 <211> 408
 <212> DNA

<213> Homo sapiens

<400> 1526

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ctctgctctg gccggttaagg ccgaggacga ggttgaagga tggccgagag gagaccgagc    60
gtgaggggtc cggggggcag gaggcgagg gagaagtccc cagcgctggg ggagaagagc    120
ctgcgcgagg gaactccgag gactgggtgc tgccctcgag cgactaggag gtggagctgc    180
ctgcggatgg gcagccctgg atgccccgc cctccgaaat ccagcggtc tatgaactgc    240
tggtcccca cggtaactctg gagctgcaag ccgagatcct gccccgcgg cctcccaacg    300
cggaggccca gagcgaagag gagagatccg atgaggagcc ggaggccaa gaagagggaag    360
aggaaaaacc acacatgccc acggaatttg attttgatga tgagccag    408
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<210> 1527

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 1527

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gaacgttggg aaattttgct gctttagcaa aaacttgata aaagtggagg atttgaaaaa    120
aaggcatatt ttgctgtgga actcacattg ttaaatcatca gtatgtttat atgtaaaaac    180
ttggaatggg ctgtgaattc tcaaaaatgt ataggaatta tttttataaa tgggtttatt    240
tcttacatgc tgttttgggt tttctacctt actctttgtg cttaaaagga gaaaggtcct    300
tactaaaacc acttcctctg tttctttata gaattacaa cggaatgat ttcaccaacg    360
aaagctatgg caaccaggga attgactgtc aaaagaaaaa tgagtgggaa tan    413
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<210> 1528

<211> 164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 1528

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tcctannaa atcactccct gacttaaat ttaaatagt ccttgactat cttttacagg    60
aaggaatagt attacatata tcanaattgt ttcattcatt tttaaaataa tggaaaaac    120
ttaaaaatac cacaggagcg tgggtaccgg gggctcatgc ctgc    164
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<210> 1529

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1529

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cggtgctgtc gggaggagct ggaacaggag aggaatcact ggcagtctga attcaagaaa    60
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gtccaacatg aattggtgat ctacagtacc caggaggcgg aaggcttgta ctggagcaag 120
aaacacatgg gttatcgcca agctgaattc cagattctga aagctgagct ggaaagaacc 180
aaagaggaaa agcaagagtt aaaagagaaa ctgaaggaaa cagagacaca cctggaaatg 240
ctgcagaagg ctccaggtctc ctaccggacc ccagagggag atgacctaga aagggttttg 300
gcaaaagctta cgcggctacg tatccacgtc agctatctcc ttacttctgt cctccctcac 360
ttggagcttc gngagategg gtatgactca aaacaagtgg atggt 405

<210> 1530
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 1530
cgttgctgtc gccacagctcc ctatgctgtg gacgtcgccg ctccaggtccc caccgtgctc 60
gtgccaccgg ctgcgggtcct ctccgcgcct ctgcgggaag tgcgtgtgct tgcgcgccct 120
gagctctctc ctccagttccc cagctccctg gccacgggtgt ctgcctctgt gcagagtgtg 180
cccacccaag ctgcaccaact tctgcacaca gcaaacccac cgctgctctg cgggcccggg 240
atgcgccagcc ctgtcccaac tgtccagctg acggtgggaac cagtcacaaga ggagcaggcc 300
tcacaggaca agccgcccgg cctcccgagc agctgtgaga gctantgagg ttctgatgtc 360
actcttgtaa aagagctgag tgacagctgt gaaggcgctt tt 402

<210> 1531
<211> 407
<212> DNA
<213> Homo sapiens

<400> 1531
gattcgaatt ccgttgctgt cgtggacatc taaggatgga ctccggtgtc cttaattcat 60
ttagtaacca gaagccaaaa tgcaatgagt ttctgtgac ttgctagtct tagcaggagg 120
ttgtattttt aagacagaaa aatgcccccct tctgttttcc tttttttttt tgggaacaaa 180
agattgcttt tggtgccagg ggggaggggc gaaacaacaa tttgggtttt accggaaccc 240
tcggtttcgg ggggttaagg aattttccgg cctaaccctc caagagtttg ggagataccg 300
gcctgggggc ccccccggg ggggagtttt ggtttttata aaaaaagggt gttaccatt 360
gtggcagggc ggggtctaac tcccagacca tgggaaccgc cctcccg 407

<210> 1532
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 1532
cggtgctgtc ggcagaaaag aagcggattg ctccagatgcg ccagcagcag ctagaatogg 60
agcagtttct gtttttcgaa gatcaactca agaagcaaga gttagccgga ggtcaaatgc 120
gaagtccaga aacctcaggg ctgtcagagc agattgatgg gagcgttttg tctgtctttt 180
ccacacacca gaacaattcc ttgtgtaagt tatttgcaga tcaacctaat aaaagtgtat 240
caaccaatta tgctagccac tctctctctg taaacagggc cttaacgcca gctgctactc 300
taagtgtgtg tcagaattta gtggttgaag gactgcgagt tgtagttttg ccagaagatc 360

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tttgccacaa atttctgcaa ctggcagaat ctaatacagt gagaggaata gaaacn 416

<210> 1533

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1533

ggcacgaggc	aagacggcgg	tgaagaaacg	gaatctgaat	cgggttttca	acgagactct	60
ccgttactcc	gtcccgcagg	ccgagcttca	gggcccgtg	ctgagcctgt	ctgtgtggca	120
ccgcgaaagc	ctgggtcgca	acatctttct	gggcgaagtt	gaagtgcctc	tggacacgtg	180
ggactggggc	tctgagccca	cctggctccc	cctgcagccc	cgggtcccac	cctctcccga	240
cgaccttcg	agccgcgggt	tactgcacct	gtccctcaag	tacgtccccc	cgggctccga	300
gggcgcagga	ctgccccgga	gcggggagct	gcacttctgt	gtgaaggagg	ctcggggacct	360
cctgccgctg	cgggcgaggat	ccttggaac	ttacgtacaa	tgtctcgt		408

<210> 1534

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 1534

caagaaggc	accocctgga	gcccacgga	gacccacggc	cccagccccc	caggacctgc	60
aggggacgag	ccagccgaga	gcccacgga	gacccacggc	cccagccccc	caggacctgc	120
aggggacgag	ccgcccagga	gcccacgga	gacccacggc	cccagccccc	caggacctgc	180
aggggacgag	ccagccaaga	gcccacgga	gacccacggc	cccagccccc	caggacctac	240
aagggatgat	ccagccgaga	gcccacgga	gacccacggc	cccagccccc	caggacctgc	300
aggggacgag	ccagccgaga	gcccacgga	gacccacggc	cccagccccc	caggacctgc	360
aggggacgag	ccagccgaga	gcccacgga	gacccacggc	cccagccccc	cn	412

<210> 1535

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1535

cgttctgtgc	gcccctcgcc	tcgtctctat	ggcccctggg	ggctggaggc	cttgggccgga	60
ggagacctga	tgctgcaccc	tgctgcaccc	acagccaggc	agggcctggc	agcccccacc	120
aggagacttc	gctctaggaa	gggtctctgc	cctctcacac	gtagcaatgg	ggacctgtct	180
cgttccctga	gcccctcccc	actgggctct	tcagcccgca	gcactgcctt	ggaacggccc	240
agcttcttat	ccagacaggg	acacggagtc	tcgggggtgc	cgagccctgt	ggtcctgggc	300
tcacagagtg	ccctgcccac	agccacagcc	ttcacgggat	atgtcccacg	ctactttcgt	360
gggcacagcc	cccagctggc	tggctcgagt	aacttgggga	gctgacctg	ac	412

<210> 1536

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1536

ggcacgagcc	tcggcctcgc	tgtcttctgc	agccctact	ggaacctcca	cctcgactcc	60
agcggccccc	acagcacgga	agcatctgga	taaagaacag	gttagaaagg	cagtggacgc	120

tctcttgacg	cattgcaagt	ccaggaaaaa	caattatggg	ttgcttttga	atgagaatga	180
aagttttatt	ttaattgggg	tattatggaa	aattccaagt	aaagaactga	gggtcagatt	240
gaccttgctt	catagtattc	gatcagattc	agaagatatt	tgtttattta	cgaaggatga	300
acccaattca	actcctgaaa	agacagaaca	gttttataga	aagcttttaa	acaagcatgg	360
gattaaaaac	ggtttctcaga	ttatctccct	ccaaactcta	aagaaggaaat	at	412

<210> 1537
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 1537	
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tgagagttaa	ctatatctga ggctaaagtt taccttgctt taataataaa ttgcccacat 120
cattgcagaa	gaggtatcct catgctgggg ttaatagaat atgtcagttt atcacttgct 180
gcttattttg	ctttaaaata aaaatttaata ggcaaaagcaa tggaatatatt gcagtttcac 240
ctaaaagaca	gcataaggag gcgggaatcc aaagtgaagt tgtttgatat ggtctacttc 300
ttttttggaa	ttttctgacc attaatataa gaattggatt tgcaagtttg aaaactggaa 360
aagcaagaga	tgggatgccaa taatg 385

<210> 1538
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1538	
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ctactcttct	tcatgttatt gaagcccagc taaaatgaac caacttagaa tataaaatta 120
ttttaaatatt	tttctcatctg acttctaatic ccattgttct ttttgcgtga tctgaagata 180
gtcccaactt	ctcaaatatg ttattaatatt ctgggctgta aaatgaatat ggaagaggga 240
ctcaaatatt	gtaaaatgtg tgggggttaca aatcaccaat tgcctctgct ctctgtgttg 300
cctcagccta	ccgcaagacc tccctacaca cacacacaca cagacacaca catccctgaa 360
gtcactctaa	atatcagtaa ttatgaaagt ggcccg 396

<210> 1539
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1539	
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ctactcttct	tcatgttatt gaagcccagc taaaatgaac caacttagaa tataaaatta 120
ttttaaatatt	tttctcatctg acttctaatic ccattgttct ttttgcgtga tctgaagata 180
caccocactt	ctcaaatatg ttattaatatt ctgggctgta aaatgaatat ggaagaggga 240
ctcaaatatt	gtaaaatgtg tgggggttaca aatcaccaat tgcctctgct ctctgtgttg 300
cctcagccta	ccgcaagacc tccctacaca cacacacaca cagacacaca catccctgaa 360
gtcactctaa	atatcagtaa ttatgaaagt ggc 393

<210> 1540
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 1540
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 ttatctatata ctgagggttaa agtttaccctt gctttaataa ataatttgcc acatcattgc 120
 agaagaggta tctctatgct ggggttaata gaatatgtca gtttatcact tgtcgcttat 180
 ttagtctttaa aataaaaaatt aataggcaaa gcaatggaat atttgcagtt tcacctacag 240
 agcagcatat ggaggcgagg atccaaagtg aagggtgcttg atatggcta ctctcttttt 300
 ggaatttctt gaccattaat taaagaattg gatttgcag tttagaaact ggaaaagcaa 360
 gagatgggat gccataatag taaacagccc tt 392

<210> 1541
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1541
 tgggagagat ataaacaat aaggaaaata gtttgcataa ctgacttaga acagaatact 60
 gaaatcagtc cagcataatg catgagcaag ttagtaagaa gattagattg gctggcattg 120
 aggcaaatgt aaagttaatt tggaatttgg cagactatac tgtggatata aaaaaatgac 180
 tgagccaga ccagccaggt ttaaatccta gctctccat tcactgagca ctcacacaag 240
 tcacttactc tctgcactta cctcatccat agcactgttg cgaggattaa agggagcaat 300
 gcttgtaaaa ttcttataac agttcctgta cataaaaaat tatccataag ggccgagcg 359

<210> 1542
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1542
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 ttattttaaa aacaataaag atacttacat tattaacaga agagcatact ggtttcggtc 120
 cataaaatct ttgggaaggg acaactgtaa aggaagtctt ttaaagaaa gagcaaaaaa 180
 ttaaaagatg agagtcat tt acaggtaaaa ctataagacg cagagaaagt tgtcttgtaa 240
 taacatagca tgacacaaat ttaccatgat tcgtcaatat gaaggatttt aatttctggc 300
 ttctcatctc tctctctcag gatagcttcc ttccagcatag aattgctttc caatg 355

<210> 1543
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 1543
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 atggagtagt tgcattgcat ttggcttatt catcttttaa gtctcttctg tattttacta 120
 gcctctcttc ttttcttgcc atttgtccag tagagttttt ctattttaga tattttattt 180
 tgttttatcc ttgtggcgat tggaattttt ttccatttgg tgataaagggt caatttaagc 240
 tatgtgattt cttttgggat actttgaata agaaaatata gaatgacac aaactacat 300
 aaattcagta acagattcaa tttaatttgt atttcctgtg agcaaaaacg ctgaaaaa 357

<210> 1544
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1544
 aggagaaaca acagagggat attttcataa actattaatt ctatcaacta agaacaaatc 60
 agcagaaacg ttacagagta ccattaccag cattccatgt gattataaag atttcacaag 120

acttactttca	cgataattta	gtatgattat	ttcttttaca	gttttttgeta	taagaggccg	180
aaccctttcc	gttcctaatc	taaaaatacc	acagtcaccc	ctccccaaca	tgaccgactc	240
ttcagcatat	aaaatgctaa	ctaagctttt	ccgaatgcac	aatttggggg	ttttcccttc	300
ttcttcttta	tacatgtcta	tatttggttg	cttttggttt	ggtttgtcat	ttttctacca	360

<210> 1545

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1545						
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tctgaagaat	ttggtgaaaa	tgaagaagaa	aatgtgcatt	ccaaggaggt	actctctgca	120
gaagaaaaca	agagagctca	tgaattaata	gaggcagaag	gaatagaaga	tatagaaaaa	180
gaggacatcg	aaagtccagga	aattgaagct	caagaagggt	aagatgatac	ctttcttaaca	240
gcccagaatg	gtgaggaaga	agaaaaatgag	aaagatatag	caggttctcg	tgatgggtaca	300
caagaagtat	ctaaacctct	tccttcagaa	gggagcctag	ctgagggtga	tcacacagct	360
catgaagaga	tgggaagctca	tacg				384

<210> 1546

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1546						
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gatttggctgt	gtgtacaggg	ccgctgccgc	gaggatgcc	gggatttgca	gtcctccggg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagatg	tgacctaggt	tcaaatctct	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatacata	gttgatgtgc	ggagtacatg	300
aattttaaaa	tctagagcca	gggcaggggc	gtggctcact	cgtgtaatcc	cagcaaatgtg	360
gaaggtggg						369

<210> 1547

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1547						
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agtggtcttca	gggagggggag	gtggtgggat	tcctactgaa	gaggagaagg	aatgagcagc	120
tggtaatgga	gtggaaaaaac	ggggatgcag	tgccaccttt	caaaagtgtg	tgatgaccag	180
cagtatgaga	gagagaaaaat	agtagtggag	atgaggggtg	ggtataaaaa	acaccccgaa	240
tttttttttt	agaaaaaaaat	ggctttaaaa	aagtatggta	aaaatttttg	taacaatttg	300
gtgttttctat	tttagcacca	ttttgtttata	aatgtgtttt	ttttttttat	cgcga	355

<210> 1548

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1548						
atctaaattt	gtcagcaaat	taaagagttt	gagattggga	attgagataa	agctatttag	60
ttctttttatg	tttaataaat	ttacttcatt	ctgaaatctt	ataaatggat	ttcacaacttt	120
caagtagtat	tctccagata	gaagaagagg	tggttgctgc	tcagttagat	ctataaatat	180
gcggtgtatg	ctttttgtgc	ttctttctcc	gaaaaggacc	acccctcttt	tcctctcttc	240
cgattttctg	tcacctttct	cgtctctggc	tgcactcact	ccccctcgct	tatcccgctc	300

tgcggtcccg	tcttttttct	cctgctgtct	atcactcttg	cctgcttccc	cgtogetta	360
ccg						363

<210> 1549

<211> 356

<212> DNA

<213> Homo sapiens

<400> 1549

taaacgccag	atggaagaga	tgcataatc	aggaagggtg	tgagggaagg	ggcatggggc	60
cagccactct	ccaggaacct	gcctgcgttc	agctactcag	aagctcgtga	cgggcaatgc	120
taatatgaat	atttatctct	tttaagtctt	atcatttttc	tatcatttct	ttgatgctaaa	180
acctgcttta	taacacacag	ttgaactctg	aacaaatcac	gttcgaaactg	catgagtcca	240
cttatatgca	ctgttttttc	aataaatata	gcgagagtct	tttggaat	tatgacaatt	300
tgaaggaact	gtcagatgga	ccacatatgg	taaaaatc	ataagaatta	ctaaag	356

<210> 1550

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1550

cggtgtgtgc	gcctaaggta	gcaaaactag	tagctggaag	agccaaaatt	tgaactcaga	60
tctctgtg	cctactaat	gcctacccat	aaattatttc	atgggcaatc	ttccctgca	120
ccttaattga	tttatttctg	ccaaatgtat	gtgttctcag	atctttatgg	aatattctga	180
catgggaatg	ccccagggtc	tgtagagact	ggcttctctg	gggtgtatc	aatagatgaa	240
ggaaaatttt	gcagttgttt	atacagtttg	gggggttgag	gtggtacaat	ttgcacattt	300
ttgttctctt	catagcaaat	tcttcagttt	tctttgatga	ggccaagcaa	taaaattttt	360
cctttcttac	gagcaaatat	t				381

<210> 1551

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1551

ggcacgagg	gaacgtggct	ttccctgcag	agccgggtgc	tcgcctctgc	tcctctgtgc	60
agcaaccgga	gctggagtgc	gatcccgaa	gcacccctgc	catggactgc	gcccctagcg	120
atccgcataa	cggcagtgcc	gaggcaggcg	gccccaccaa	cagcactacg	cgcccgcttt	180
ccacgcccca	gggcatcgcg	ctggcctacg	gcagcctcct	gctcatggcg	ctgctgcccc	240
tcttctctgc	cgccctgcgc	tcgtatcgct	gcgcccgcgc	caagaatgct	tcagacatgc	300
ctgaaacaat	caccagccgg	gatgcgcgcc	gcttccccat	catcgccagc	tgccacactct	360
tggggctcta	cctcttt					377

<210> 1552

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 1552

cggtgtgtgc	ggagattgat	agaggcagaa	aggaagcgga	ttgctcagat	gcgccagcag	60
cagctagaat	cggagcagtt	tctgtttttc	gaagatcaac	tcaagaagca	agagtttagc	120

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cgaggtcaaa  tgcgaagtca  gcaaacctca  gggctgtcag  agcagattga  tgggagcgct  180
tggtcctgct  tttccacaca  ccagaacaat  tccttgtgta  atgtatttgc  agatacaacct  240
aataaaagtg  atgcaaccaa  ttatgtctagc  cactctcctc  ctgtaaacag  ggccttaacg  300
ccagctgcta  ctctaagtgc  tgttcagaat  ttagtgggtg  aaggactcgc  atgtgtagtt  360
ttgccagaag  atctttgcc  caaatttctg  caactgn

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<210> 1553
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<400> 1553
cgttgctgtc  ggaggaagga  gattctggcc  aagctggaga  agctgcggaa  agtaacaggc  60
aacgagatgc  tgggctctga  ggagggggac  cttgaagacg  acttcgaccc  tgcccagcac  120
gaccagctca  tgcagaagtg  ctttggggac  gactactacg  gggccgtgga  ggaggagaag  180
ccacaatttg  aggaagaaga  agggcttgaa  gacgactgga  actgggacac  gtgggacggg  240
cctgagcagg  agggagactg  gaggccagcg  gagctgcact  gtgaggaccc  caacttcaac  300
atggagcgcg  actacgaccc  cagccagccg  aggaagaaaa  agcgcgaggg  ccccttgacg  360
ggcaagaaga  agcgcaagtc  gcccttcgtc  gcgggc

```

```

<210> 1554
<211> 386
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

```

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<400> 1554
cgttgctgtc  gccaatgtgc  ccttctcggt  ggcctcggtg  ctctgagct  ccgtcctggt  60
gggcctgtgtc  ctgggtcccg  gcctctcgca  ggggcgctg  gcgctgagga  acatcaactga  120
cacgggtctc  aagctgctgc  tgcctgggtc  ggtcaccctc  aacttcgtgg  gggccttcat  180
gctggagagc  gtgctagacc  agtgccctcc  cgctcgctg  cgccgcctcc  ggcccagcgc  240
ggcctccaag  aagcgcttca  agcagctgga  acgagagctg  gccgagcagc  cctggccacc  300
gctgcccgcc  ggccccctga  ggtagtgcag  gccacgggac  accccagaca  ctggaactcc  360
ctgcctctga  gccaccaact  ggaccn

```

```

<210> 1555
<211> 392
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

```

```

<400> 1555
ggcacgaggg  aagctagggg  ttggccccc  tgcctctggg  caggaaacct  tctggcgaat  60
tccagccaag  ctgagtccta  ccagctcgc  gagggcagca  gcttctttga  gtcaaccaga  120
ggaggaacag  aagctgcagc  cagagctgca  gcctaaagtc  cctggagagc  aaggctctga  180
tgaggagcac  tgtaagagc  accgagcaca  agccctgagg  gccctcttgc  tagcccaaca  240
gaagaagagg  ggctggcgt  cccagagga  ggaagacgct  gttggtaaa  agccgctgaa  300
ggcagccacc  aaaaaacgac  aattgctgga  cagcgacgag  gaacaggaag  aagatgaggg  360
caggaaacaga  gcaccagagt  tgggagctcc  an

```

<210> 1556
 <211> 261
 <212> DNA
 <213> Homo sapiens

 <400> 1556
 ctgactttcc ttatcaacat cccagaaagt cttcagcttt aataatgctt cgccttccctt 60
 gcttttctag aatcatattc taaaaagaca aagcaaaaca gataaacagc tgtccctaatt 120
 acaatatatt catttaaaac attctaacat cttgggatgc tctgatactt ggtcttattt 180
 ttctaattct cttatatatta ccatcaaaag tatatgtgtt gagcatggta ctagtataaa 240
 aagcacatag accaatggaa c 261

 <210> 1557
 <211> 331
 <212> DNA
 <213> Homo sapiens

 <400> 1557
 tacggctcag agacagcagc agaaggcgctg aaggaaaaac agatccctcc ttcttgtttg 60
 actttgtata gaataaattt taatgtaact gagccacact ttagtatagc tttttctcat 120
 tataaataga agtggtgtgc agtatctctg cttgcctttt aaaaatagcaa acatttagtg 180
 ataaaaatct tgttctgttc tctgtatgtc agtttatcca tctgtaaagt agagacaata 240
 atagcatcta ttattacaa gcaattgtta aaattaaaaa caggctgggc gcggtggctc 300
 ccgctgcaa tcccagcact ctgggagggcc a 331

 <210> 1558
 <211> 335
 <212> DNA
 <213> Homo sapiens

 <400> 1558
 cagggtccgaa gttggaccca ctattcctct ggggcaaac gacattggct tgattgggca 60
 tgggtggctaa ggcctggctt tatagcactc cgttatgacc tgggaatgtgc atcaacttcaa 120
 caacagatgc attcatctta cgggtccaaca tgaggaagac gtgtgtcatg ttaaatacaa 180
 aaattatctt ggcgtgtgtg cacatacctg cgtatcccgc tactcaagag gctgagggcag 240
 gagaatcact tgaaccaggc aggcagaggc tgcagtgcac caagattgca ccaatgcact 300
 ccagtctggg cgacagagag agagagactg tctca 335

 <210> 1559
 <211> 371
 <212> DNA
 <213> Homo sapiens

 <400> 1559
 taccgctcgc agaatacgac agaagggaaa ctatctgaac tggctttatt cactcttcag 60
 catatttaag ttggatttca acctctgtca ttccactgaa atcactcttg tcaacaacct 120
 tcatgtgtgc aaattcaaaa cacagtcttc tgcctccgt gctcattttt tcaacagtc 180
 ctgcttgccc tttaaaaggac ttcttttgc tcaattaccc ttttaggtat tgcctatgtc 240
 ctctggcttc tcatgagcag gatttggcag ctccctgtat tctatcagtt cgcctaaatag 300
 atatttgaga tgacatcaca agttctcttg tctttctact tattttaaaa gatggtatct 360
 acacattttt t 371

 <210> 1560
 <211> 331
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 1560
gcactacaca tagttatttc tgaaaagaaa tcagtatgta aatagaaatc caacagaaat      60
gaTAGgTgTla ctatcaattc tttattgttg ggTtcgaaag caatcacttg aggttaaaag      120
ataatttttaa aatatttaata ttctcatatt tactattttg gtcccaatgc atgtgtatac      180
caaaatagta atatgtagca cacatgattt aattgctctt ttcaaaaaca cttaaaagga      240
atctatgttt aaagaatatt cacataatca tacaggcatg gtggctcact cctgtaatcc      300
cagcactttg ggaggccgaa gtgggtggat n                                     331

<210> 1561
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 1561
acaagggttaa ggaattagtg tgctaattgt ctctgcttac aaagtgggaa gtcagtTggc      60
tttctagggT ggctgggaca aaatatgaga cttaagcatg ttgattaaag atacagaggT      120
gaccagtaga agaactaaga atagtgatgt cactatgggg gagaggggta gctgagctaa      180
attcttTctct ttcatagcag taggttaaaa gtaaatgtcc aaagctgatt agtaagaaat      240
agcagTtgag ggcacggTgg ctcatgcctg taatccagc actttgggag gctgaggcag      300
gtggatcacc tgagttcagg agttgagact aacctggn                               338

<210> 1562
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 1562
gatatctgaa aaggaggTta atcgatagct tttacatagt acaactgctt tatcctttca      60
aaagcagata cgTcaatcaa aacttgatat ttattttatc atattttatgc tgagttccct      120
taaaatgttt tgtctttttc catataacca atcatattal ttctaaaaaa taaacttagg      180
tattgtcaca gggatagtaa ctctgctttt ccatattgtg tgtgtgtgta tttgtttttg      240
tttcgttttt ttgagatgga gtctcaactc gtccgttagc tggagtacag tggcgctatc      300
ttggctggga ttacagggtg gagccaagcg gccagcctg tcn                               343

<210> 1563
<211> 344
<212> DNA
<213> Homo sapiens

<400> 1563
agaatcccg aagagaaatg gaaatcataa gagaacaaa ttgaaattct agaactgaa      60

```

atataatatt	agaaaagaaa	aaaaaattac	tcaatggaaa	ttagagatga	ttagacactt	120
cgaaaagaaag	tatcagtcctc	actcacactg	aagaacagag	aataaaaagt	agaaaatatt	180
aaccagactg	cagagaactg	tgggacaata	gcaagctgac	tgaatatgt	gtgattgaaa	240
taccagaaag	aaaagagaga	gagagagcat	gaagtaaaat	atttttaaaa	gaaataggat	300
tttttaggcg	ggcgtgggtg	cttacaccta	taatcccagc	actt		344

<210> 1564
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1564						
ctcgaccoca	cgctacgcct	tctagaaccc	tccacctcag	gocgctcggg	ggcatgccgg	60
gatttgtgt	gtgtagagg	ccgctgcgcg	gagggatgcc	gggatttgca	gtccttcggg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagata	tgacctaggt	tcaaatctct	actccgcaag	ttctgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataga	gttgatgtgc	ggagtagactg	300
aattttaaca	tctagagcca	gggcaggcgc	gt			332

<210> 1565
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1565						
ttctaattag	tagaataaag	ggctaaggaa	tctttggatc	actgaaatct	aactattctt	60
taattgaaat	gtgggtatgt	ttctgactta	tagtaagaac	taaaatgaat	tctatttatt	120
ctcaagttag	agcaaaagaga	aaaattttta	atggcataat	aaagagotta	taaaacaaaa	180
tatgaggatt	ttggaaaatc	atttattgaa	atagtactag	gatattttaga	agttatttaga	240
agcttaaaat	aattggcttt	tctttatgac	attatctcta	ttacgataat	attatattat	300
tttttaataa	aggccctaatt	ggaaatctca	aatagggttg	gtt		343

<210> 1566
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 1566						
cgttgctgtc	gatagagagg	agataacttt	actaaaaatca	tacaacacag	aattagatta	60
atcctagcag	agctaattctc	agacctttac	tcagactttt	tctgtagctt	tagtctagaa	120
gttggaatt	catctattat	ttgtcactga	ttcctagcat	gattttgagc	aaattcttta	180
ttctatttgt	gcctcagatt	ctacctatat	aaaatatatg	tgacttaaaa	tattcataaa	240
gataataaga	acaacttcaa	tttctatttt	atttttactt	acaatagttt	tcactttcac	300
atacattacc	ctacttaatt	ttccccatat	tatggatgag	gaagttaaac	ctctatgtgg	360
tagatgtcac	atcca					375

<210> 1567
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 1567						
gaggaattaa	gtgagtaaaa	aaggcaagct	acagagtggg	agaggatatc	aaggatacat	60
gtatctgaca	aataatttat	acagaatata	tttttaaaact	ctcaaaaatc	aatacacaaa	120
agacaagcta	ccctccaaaa	c				141

<210> 1568

```

<211> 327
<212> DNA
<213> Homo sapiens

<400> 1568
tcctcaaata tcttcttgtc ctggaagcct aaagtgaact cctacacaga gggagtagaa 60
ctgtcttgtg gtttctcaag cacagctctc tattttaatg catatatgaa gctgtcttct 120
atctgtgcag atgttgtctc tgccagactg tgagctcctt gaagggtggg attttgtctg 180
gttgtttttt cccagaata agaattgctg gtatatatat gtctagataa tggtttagat 240
ggatggatag atgtgtgaat aatggatgag tatatgtatg ggggggtata aggaaggggc 300
tcgttttttc tgccggaaac acactct
327

<210> 1569
<211> 344
<212> DNA
<213> Homo sapiens

<400> 1569
gcctctcact cataggaggg gccaggaaaa gaggaggagg gcaagaaggg gaaggagcac 60
aaggagtgtg ggtgaggggt gtaaccatga gggcaggcag ggggcaggac ggaaggcagg 120
agggcctggc cagggggagg ctcaggagga tgagcaggag ggaaggaggag acagactatg 180
agggcagagg gagaccctca cctgagaatc tccttttagcg tgcgggtcag gaatgcataa 240
ttgtcatcga attttgacca aggcgatgat ggctgacctt cactgtacac aaagtttttc 300
cagcagtagc caaattctga gacgaagagg caggaagcag tcag
344

<210> 1570
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1570
agtcataata cccaactatt taagtaatta tcaagttgct tcacttttat gtgccttaaa 60
ttcctcgttt gtttaattgag ggttataaca acactgacct cataaggcca tcttcaagat 120
tagatgaatt tatacgttagg tagtaattaa aacagttttt agtacacaga aaagtactta 180
gtaattttta gctgttatta ttactagaag ttcattcttt tgttcattaa ttcatgagggc 240
acaggtgoc tctcgtgtgt ttggcataca taaaacacca taataaatga gagtccatat 300
tcttatgcag agtgagaaga a
321

<210> 1571
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 1571
tacgggtgtt atagacagca caaaggatca ttaaattaca ttttaaaatg ttaacaacta 60
caagcagata catctgggat attggttatg agaggatata attttctttt ctaccataa 120
ataaatatta tttattttat tgaatttggc cttttaagaa tgctatagaa aattcaaaaag 180
gaggacaggt gcagtggtctc atgcctgtta tccagcactc ttggggagcc gaggcagggtg 240
gatcacctga ggtcaggaaat tctaaacctt gccagtatgg gtgaaacccc gtctctacta 300
aaaaatacaa aaagtttacca ggcttggttg catgccctcg tagan
345

<210> 1572

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<211> 313
 <212> DNA
 <213> Homo sapiens

 <400> 1572
 gtagtcctag ctattcatca agctgaggtg ggaggattgc ttgagcctga aaggtcaagg 60
 ctgtagttag tcatgatcat gccactgcac tccagcctgg gtgacacagc aagaccctgt 120
 ctcaaaaaaa taaaaaatta actaaataat tttttctcag ttttaattcc taatataaac 180
 accaatagat ataacaaact gaaacaaaag ttcttttagg tgcccaataa tttttaagtg 240
 tgtaagggga ttgtataacc aaaatatctg agaagcatta acttaaaact aataaaggag 300
 aaagacttta tta 313

 <210> 1573
 <211> 313
 <212> DNA
 <213> Homo sapiens

 <400> 1573
 gttagttaac ataccattat aatagcaatc ataaaggctc caagaataaa atctgacagc 60
 tgtatcaaat atttgaggaa aatgaacct ttattaaaat cgttaataaa tacttaataa 120
 tagataaatc tgttattgaa aggaaggcaa tgttataaaa attcagtcct cccaaattaa 180
 tctataaatt ccactcaaa ataagtttga tcttgacaga gtgatttttt tttctttttt 240
 tttttttaaa aagggagtct gactttgccc cccaggcgga agggcagggg aacaaccacg 300
 cttaaatgaa gtg 313

 <210> 1574
 <211> 326
 <212> DNA
 <213> Homo sapiens

 <400> 1574
 ccctgcacgc ctctccatcg gcagttgaga cccactgct gcctgctcct tccattccca 60
 ttgcggggac ctggacttga tctagccctg tctgggtggac acacttttgt aggtgccagg 120
 agggaggaaat ctgctctccc tttctgcccc cgacagcccc cagccccagt ggccactcac 180
 tcccagcatg ccttcagct gcctgagtg gagactgtgg tggactcgga gctggggcag 240
 ggaggacaag ctctctcttg aagggaatg ggcagagggg gacctggtct ttcacggtgg 300
 tgtcaaggac catagagcca gggcac 326

 <210> 1575
 <211> 314
 <212> DNA
 <213> Homo sapiens

 <400> 1575
 gttcaaatct ggtctccac atgttagcta agagacctac aaattatgtt atgtttacct 60
 tctgtatctc agtcttctca tctggtaaat taagctcaat aaggacagag actttgttta 120
 ctgtcataaa tatcatcagc acctagaaac atttgttgta ctgaatgaat acctgtgcag 180
 tgaatgaagg gaagaaatat ttcataaatg ttgtggtaag attcagtgta gttaaaacat 240
 ataaagcact aagaatagcc atggcacaag aaatgctcca ttaatggtaa ttattattat 300
 ttcagcaggc aagg 314

 <210> 1576
 <211> 322
 <212> DNA
 <213> Homo sapiens

 <400> 1576

ggaagtggg	tcatatccat	gaatctgttt	ctgcctagtt	aatatgtaaa	ctttgacgga	60
aatactttac	gaaaaatttg	atgtaacgct	atttcaattt	ttagatacaa	ccatttttaa	120
aatttgaata	ccacccaaaa	cccgatgaaa	tggtattagg	aaagataaaa	aaacaaaaaa	180
ctaacaaaat	acttgactca	tctcacactt	tatagcccaa	gaaggcttta	agtaataaag	240
gtgtaccatg	ttttatgtaa	aggctcgggg	tatgacagaa	acacagtgtc	ccagctgatc	300
tcatagatat	caaacagacc	tt				322

<210> 1577

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 1577

catgttcttt	ttgccactaa	gcagcgtggc	ccacagcagt	ctcagtatcc	gctacgcctc	60
agtctgtcca	tctgtgagat	gaagatgaga	gaaattgcc	caggaccttg	tagtgactca	120
acagcttggg	gtttttttag	catgtaaaga	attaaaaatg	ggatcatctc	tttatcataa	180
gattgcctcc	tcttgtaaag	taagtcactg	aataagaaat	gatttaccac	agacaagcaa	240
atgctgagag	attttgtcac	caccaggcct	gccttaaaag	agttcctgaa	ggaagcacta	300
aacatggaga	ggaacn					316

<210> 1578

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 1578

cacaggatcc	agggaaaaaa	aacaaccaa	taatacttga	aggtaagtcc	caagatgtca	60
gctatgaagt	aagcagtcag	tccagattgg	agcagaagat	tgggaagttt	caggggggct	120
gcttccaggg	aaaaataaaa	atgataaatt	attattttca	ttttccatgc	acacaatatc	180
tacaggagaat	atattatgct	ttgagcctgt	tagaggcact	caggctatag	ttatgaacaa	240
aattaagttt	ctgactttct	gaaatttacc	ttctactgaa	acttanagtt	t	291

<210> 1579

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1579

gagggtgaag	ggggagccag	gagtgaggag	ctgggggaag	cagagcagca	gaggctggag	60
caaatcccg	gggaagaagc	cagggaatgg	tgggttcctga	gggagtggtc	caaacaccc	120
cgaggggggg	tggg					134

<210> 1580

<211> 320

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 1580
tcaggaattt atcaggcttg ttagactctt tgtaacttga aattagccat ggttggagta      60
tacacatgga tattggaata tactataaat cagaactatt cctggtaaat atgactacat      120
atgaagacca aagcacagta aggggtttctg ttgttagaca aaatcaaaaca aaagggaaat      180
gttttttgac ataaactata gaataaagaag atatgaaaca aacataaata tacattgcat      240
ataataacaa ttattattac tatttttgag aaggagtctc gctcttgctg cccaggctgg      300
agtgcagttg cgcacgatcn
320

<210> 1581
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1581
tcactgggccc tttagtgact ggaggccctgg ggtctggcgg gcccagaagg attaggcctt      60
caggtgggcca agggagcctg gtagccagct tcaggacaac tgggaagtga caggtgatga      120
ggtggggactc tggactgagt ccagccagaa ttccccagtt cttggaatag aggttgtagg      180
gtggccagctg aggatgcccg acaattccca gcaggtcctg ctctgcctgt cacagcagac      240
agacatggcc agctgaaatg gcacctgcca attgggattg aaaaaataaa atctggccaa      300
gogcagtgcc tcgctcatgc ctgt
324

<210> 1582
<211> 304
<212> DNA
<213> Homo sapiens

<400> 1582
tggggattgg gttaacgtat ataaaaatatt agatgggtgg aagaagagct aataagtggt      60
tgctaaatat ataagcccag ggccagcctg gcttctctct catcctcctc ctgctcacct      120
ggcctgggacc ccaacctctc ccctagcact gagctcactg cccaggtccc acagcagcac      180
tccaggcctg gactatttct acagccatct ctctgcacct gtctttgtcc gttgtgcgag      240
ctacaacaaa atatcatata ttgggtgctc tggccaggcg cgggtggctc cgctgtaat      300
ccca
304

<210> 1583
<211> 315
<212> DNA
<213> Homo sapiens

<400> 1583
ggaaaagtag tgttggggga ttgtctatat gagaagtcaa agcatactga aatgtgcag      60
taatataaat ggtgaacaca agaatagaca gattgacgcc tggagcaaa tagaatccag      120
taacagaccc attttatat cagaatttag tatatgataa agttgggtgt ttgcaacagt      180
tgggaaatta taattcagtg tgttgtatag ggataaatgg ctctttattt agaaaagaaag      240
attctacttc acattcaaaa taacttagat ggattaagga actaactaaa aaaacctata      300
aaagcattag aagga
315

<210> 1584
<211> 270
<212> DNA
<213> Homo sapiens

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<400> 1584
tacagacaca aatgaatgaa gagacctgcc ttatggaggg ggaagagtgc tccagtctgt      60
gggaacagca ggcagggaaga ccttcaggca ggaacatgct tgactcttcc atctgagggt      120
cagaaatggg ggccctatga ttgaagcccg tgaccaggga gtgggtatta gcaggaaatc      180
caatgagaag ggtaaccagg agccttcctt ttctcttcat aaaaatttgt aggatgtgca      240
ccagaaatgg ggcctgatcc agatcccaag
270

```

<210> 1585

<211> 336

<212> DNA

<213> Homo sapiens

```

<400> 1585
tattcctgtt ttgagacaaa agatcgctct gatgccagg ctgccattat tgggtggctta      60
atttgcttac attaaaggaa tgactatatg ttgtggctaa aactacctac tttaacgact      120
gaaaaaccaa acattctttt caaaaccatg tatgataaag aaggtaaaaa catttttcat      180
tttctagaca cttaaagaca ctgaatttaa agcagattaa gtacgaaaaa cattgtcagt      240
aaaaatatgt ctgaatatga catgatgagg tagttattat tcaaatcact gatggagact      300
acacacacat atagttataa agacacatgg tactgg
336

```

<210> 1586

<211> 376

<212> DNA

<213> Homo sapiens

```

<400> 1586
tctacaattg tgtggtacta cctttatatt gagctctttg ctgatattta ttatataatt      60
tatataaac aataattcat aattttatag ttcatcatct gatggtgttc accttcatta      120
aagctctacat aagtcctaat tctaaagaaa gttgcatgca gcactctcatg cctatagtcc      180
cagcaatttg ggaggctgag gtggggaggat cacttcagcg caggagtgtg agaccagcct      240
ggacaagata gtgagacctc catctctaaa ataaaaaaa caatagccag gcgatgctggc      300
gtgtgccggt ggtcccaact acctatgagg ctgagggtgg atgatctctt aaccctaaga      360
gtccaaaggct
376

```

<210> 1587

<211> 402

<212> DNA

<213> Homo sapiens

```

<400> 1587
ogttgctgtc gagccaactc ctttctcccg agcctgtctg cagatcctcc cccacctctc      60
gcgaggagtt cccctcctag gctgggagca tcccgtgcag ggtaaatctt tcaagccac      120
caactgctgt ccccaaggaa atggtgtccg aaaaatccca ccttggaac cccagggagc      180
ctgtgcagga ggagcccaag acccgctcct tgagtatgac agtccggaga gggccacgga      240
gagagctggt tgttaaaaag agcctgggca gcccaggcac ggtgactcac gtcgttaatc      300
ccagcaactt ggaaggccga ggcgggtaaa tcacctgagg ttgggagttc aagaccagcc      360
tgaccaacat ggagaaaccc catctctact aaaaatacaa aa
402

```

<210> 1588

<211> 395

<212> DNA

<213> Homo sapiens

```

<400> 1588
cgttgctgtc gcctttctcc cagcctgtct ggcagatcct cccccacctc tcgcaggag      60
ttccccctct aggcctggag catcccgtgc agggtaaatc ttttcaagcc accaactgct      120
gtcccccaag aaatggtgtc cgaaaaatcc cacttggcca acccccagga gcctgtgcag      180

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gaggagccca	agaccgcct	cctgagtatg	acagtcgga	gaggcccaag	gagagagctg	240
gttggtaaaa	agagcctggg	caggccaggc	acggctgactc	acgtctgtaa	tcccagcaact	300
ttggaaggcc	gaggcgggta	aatcacctga	ggttgggagt	tcaagaccag	cctgaccaac	360
atggagaaac	cccatctcta	ctaaaaatac	aaaaa			395

<210> 1589
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1589	
cgttgctgtc	ggggagcacg
cctgaaaccc	ggagcttcc
acttcggacc	tcattggcga
gaacagctgg	agcgcattgg
gcttcgcgat	tagagtacaa
tatggttcaat	atgaaattaa
tattcatctta	agaaggatga
	gatn
	60
	120
	180
	240
	300
	360
	384

<210> 1590
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 1590	
ctataatata	gctacttgtc
cacattttca	cacgcaggac
ctggctccca	cctatggttt
agggaggtgg	gggttggggg
ttttacgttt	tgactttacat
tgttatcacg	tgctgcgtat
tctcgtatta	atagtttttt
gtatgctcac	tatgacc
	60
	120
	180
	240
	300
	360
	420
	437

<210> 1591
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 1591	
ggcacagcag	gggaccaaga
tcacctcaga	gacctggag
cagctggagg	atctccagcc
cagccacagg	atctccagcc
cagccacagg	atctccagct
cagccacagg	atctccagct
tttccaggct	ctcatccggc
	60
	120
	180
	240
	300
	360
	420

caaccagaga gtaccttggg agaacaaccg

450

<210> 1592

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1592

gggagggcct	attctcacgt	ggatggagga	gggtaatggg	acccacccaa	gtggggcata	60
ggacccccaa	gactctatgg	ctttcactca	ccattcattg	cctatctctt	caccaacctg	120
agtcacttct	tagtttcatg	tttctttcta	tatctctgag	attataacat	agctgacaag	180
ttcaatgaag	tcttactaag	ggtagtatta	gtattgtgct	caacagttga	cctggagcat	240
ctttcttaat	cctttgagag	gtgctgtgat	tgtctccact	gtccaggaaa	gaaaactgaa	300
gattaaaaag	gttttggggc	tggcatgggg	gtcatg			336

<210> 1593

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 1593

cgttgctgtc	ggccagggtg	gacttcgggc	tcggtccttt	gataactgtg	tgctcttggg	60
caaatcttct	aacttcgagg	ttcttgtgag	gataacatga	gttaattgag	ggcaactaac	120
actactctgc	acagattaag	ctcatctgaa	gtgggagctg	ttactttagg	ggcgttgcct	180
agaacacagg	gtccagaggg	tctctcccg	aaacttagac	ccagttagtc	agaagtggag	240
cctgcacaaa	gcacagagg	tgggggttaag	aattccagcc	tagggctgga	tcgggtggct	300
caggcctgta	atcccgatg	tttgggaggg	cgaatggga	ggatggcttg	aggccaggag	360
ttccagacca	gcg					373

<210> 1594

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 1594

accaatgggg	gggggagaga	caattacttt	acaaaaataa	aaatgtaaac	ttcttgcctt	60
taatgtttag	tgcttaacca	ccaatctctg	ctcctgtctg	taaaagttag	acttcaattaa	120
ttttgtgctg	acagtaagtt	ctcatggaaa	atagtgacaa	cagccagcaa	tgtgaatagt	180
tacatctctg	ctctgttaaat	atcaaaaacag	actttgctaa	gcagaaatca	atagacactc	240
gatcaaatag	tctgttctta	tttttttatt	tttattttaa	tttttttgag	atggagcctt	300
gctctgtcgc	cccagatgga	gtgcnnngnn	nnnttctcgg	gtccactgc		349

<210> 1595

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1595
 aggcacctga gagtcacttc tgggcagaaa gacaaacaca tgaatacaag ccataaatga 60
 aaagaatcaa ccagttacac cattaaaaat gtctgaatat aatgccagtt tctacgagt 120
 tggagggtgc atctctgaga tggtagaattt ctccacacct aaaagcaggg tgacctagga 180
 ggaattcgta gtgtcctttc acttattttc agacaggcto aagattactt tcaataaata 240
 agtataattg ttcataattt gaagaatgta cttacctgat gacatgactt taaatgtcaa 300
 aaagctaaaa gatcacacac caacaccg 328

<210> 1596
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1596
 cttcgtgacc tggactgaaa acattttcaa gttctctatt tcggtaata cagccctttt 60
 aataattccc caaagcatct cccctttccg cctgtgctac gactctcttg cacagctttt 120
 gtattcccc agatcacaaa atcacaaagc accggagctg gaagaatctt aagagataat 180
 ccaaggccaag gagggtggc tcacgcctgt aatcccacca ctttgggagg ccaaggcggg 240
 tgggattacc tgaggtaagg agttcaagac cagcctggcc aacatggaga aaacccgcct 300
 ctactaaaaa aacagaagtt aaccccgct cggccgcg 338

<210> 1597
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1597
 gtcattttat ccattcacct tttaggacac tttggtgtgc aacagtgttt tgcaactatg 60
 aatatagctg ttattctact cttttttaaa atgcacttta ggtgtactca ttccttaggt 120
 tgagtacacc taaagtgcatt tttagatata ctaatcatct ctgtttctgt aatgtcatta 180
 tcattaaaaa catctcattg tgttatattt atatgctcat aattcttttt tctctgtagt 240
 caactgtaaa tctcttaagg acttagacca tgtctaatat atctgtgtat tctctgctcc 300
 taaactggat ttcagagatt atttttagct gaatgaattt gccaggcagt gtatg 355

<210> 1598
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1598
 atttacaata agtttacaat ttacaataaa gctttaaaaa aacaacaaaa aattaaatat 60
 acctctattg ctgttacgtt tttctacttt tgatagaaac atggacatat taaatatttc 120
 acttttaact ctagtataag aaagtcaata atgcaagagt gatgataaag agcaactctc 180
 actttggcat atgatcagg agcaatagg agtgggtgac tgcggtgacc taaagcatac 240
 aagccttgct taaagtgaac agctgctctc agccctagct cataagtgcc acagagtcta 300
 caggcctaga cctgctgac cccagcatt 329

<210> 1599
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1599
 caaaaacata atgtattact caaaaagtgt tatatagggg cacaagagtt ctttgactga 60
 agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120
 aaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180
 tcaaaagaca gatggcagaa aggactatcc cgaatatat tttatttctg agcaccagca 240

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taaaaaacaag agaaaaaaa agaacagcca gaatacacag gtttttaggg ctatttctaag      300
tgatactata ctggtggaga catgtcatta tatat                                     335

<210> 1600
<211> 124
<212> DNA
<213> Homo sapiens

<400> 1600
ctttcactac atattaaatg acactttata actaatataa taggacaatc atcaatgcac      60
atatagccag ccttcatat ctgtgggttt tgcattccagg attcaaccaa ggaggaaattg    120
aaaa                                              124

<210> 1601
<211> 348
<212> DNA
<213> Homo sapiens

<400> 1601
cggggttgat agggaaccag cgcattgaat atccttcctt tacattcatg gtactactcc      60
ctgatctcac tatgatgaag tagggcacag ccttacttaa tgcacacaga atggggctct    120
caagcccaaat aggcgtctga acagactgga tctactagaa cagaaattct agggactgaa    180
ctttctgtga cacagagatg gctttttttt ttgagggtct cgttctgtca cccaggctgg    240
ggggtggcac aatcttgact caetgcaacc tcgggtcctt gggttcaagc catttctctg    300
ccttagcctc ctgaatagct gggattacag atgtgcacca ccatccct                    348

<210> 1602
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 1602
atcgtatgaa ctacaactat taaaatgtga aatgcacatg gcaaatagtg cacaaaaaaa      60
tagagtgaaa atgatgaata cagccataaa agacagccaa actccatttt agcaataaag    120
taaaataataa tctgctgtca ggggaaggta atttgaagta cttgagatgt ctttaatttt    180
aaaaatccaa aaatattttt agcttttagtt actataaaac atgtttaagc attttccatt    240
tgaaataaaa ttttaatttc atgctttgtc agtttcccta aataaataga aaatagtaaa    300
atatgcataa ctanaaaaaa caacttcttt ggttaata                    337

<210> 1603
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 1603
atctgataag attatttttaa ggacagaatg aagatttctt cttgaatgat ttgctctgcc      60
ctttatcaaa aagacatgtg tctgtccacc ttaacatttc tggataaaat ataccttgtc    120

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ctttaaaaat	tactgcataa	cattaaaaatc	acgagcattg	ctatacatca	tcaacagtc	180
agccagagag	ccaaatcagg	aatgaactcc	cattcacaa	tgccacaaaa	agaatcaagt	240
acctaggaat	acagctaact	atggaggtga	aagatctcta	tgaggagacc	tacaaaccac	300
tgctcanaga	aatgagaaat	gacacaaaat	attggaaaaa	cattccatgc	tcatgggn	358

<210> 1604

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1604

cggtgtgtc	ggtaagagaa	ggagaaggag	aagggtatt	gttttaccta	gtcacatagc	60
caatgtcaga	ttcttaacta	gtggcgggt	cggtctgac	caatgatcac	tattctctca	120
tttatgggt	agtcactgtg	tggtctcaac	cacagtggac	ctctctggac	ctaagtgtccc	180
tcacttgtaa	attaaaaaaa	ctgggttagg	gccaggtgat	gtggctcatg	cgtgtaacca	240
cagcactttg	ggaggtctgag	gcaggtcggt	cacttgagct	caggagtcca	agaacagcct	300
gggcaacgtg	gcaaaacccc	gtctctacca	aaaatacaaa	aaattagcca	ggtgtcatgg	360
tgtaacatctg	tggtcccagc	tactggggagg	ctgaggtggg	aggatcactt	aatcccc	417

<210> 1605

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1605

cttcatgacc	tggaactgaga	acattttcaa	gttctctatt	tcgggtcaata	cagccccctt	60
aataattccc	caaagcatct	cccctttccg	cctgtgtctac	gactctcttg	cacacgtttt	120
gtattccac	agatcacaaa	atcacaaagc	acggagctgt	gaagaattct	aagagataat	180
ccaaggccag	gagcgggtggc	tcaogcctgt	aatccaccca	ctttgggagg	ccaaggcggg	240
tgggattacc	tgaggtcagg	agttcaagac	cagcctggcc	aacatgggtga	aaacccgtct	300
ctactaaaaa	tacaaaaatt	agccaagcct	cggccggaca	cagtgggtca	cgctgtctat	360
ctcagcactt	tcagaggcg					379

<210> 1606

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1606

tacagttata	gccaggttgg	acttccggct	cggtcctttg	ataactgtgt	gtcttggggc	60
aaatttctta	acttgcaggt	tcttgtgagg	ataacatgag	ttaattggag	gcacttaaca	120
ctacctggca	cagattaaag	tcactcgaag	tgggagctgt	tacttagggg	cgcttgccta	180
gaacacaggg	tcagagggt	ctctcccgga	aacttagacc	cagtgagtca	gaagtggagg	240
ctgcaaaaag	cagcaggagt	gggggttaaga	attccagcct	agggctggat	gcggtggctc	300
aggcctgtaa	tcccagttact	ttgggaggcc	ggaattgggg	gatggcttga	ggccaggagt	360
tccagaccag	cctgagcaac	at				382

<210> 1607

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1607

ttggactaga	gattgttgtt	acaagaactt	taaaaataaa	aaaataatta	aaaagactta	60
tttttctgta	tcattctttac	tggttcattt	gttttaattg	acttaagaca	tgaaaaaatc	120
aaactagttaa	atttgatttc	atacttgctt	acctacttaa	atataatgaa	gtaatgcaga	180
tagtggttaa	agtcttgagt	agttcaaa	agtcataattg	aaataactgtg	gattaaaatt	240

ttattttcta ttatttttt tttcagataa ttactgattt ttaaaatgtg ttgattggcc 300
 gggcgcggtg gctcacgcct gtaatcct 328

<210> 1608
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 1608
 tatctgccaa aatttggttg gtatatataa cagcttttgg agagattttc actgctatgc 60
 ttttctttct tttatgcttt gttatttggg gttttaattt ctcaaatgat cccctctttt 120
 tagatttcaa attataacct atttcttgca ccattgctga cgcctgggtga tccatgtcag 180
 aagtacttcc aggtcagata cattttctca tatttcaatg cagagaagca gttgaatatt 240
 aaaacttaaa aaagataat gtttaattgt aaacttatga ttactaaaa taacatgttt 300
 ttttaattca ttgtcttca ctaatgtaat agaaaaatga atcttggccg ccggcg 356

<210> 1609
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 1609
 cgctgtgtgc ggcttggtt acatatttag atcctatctc tataaaaaat caaaaattag 60
 ccaggcatgg cggggcatat ctatagtcct ggctatttgg gaggtcgagg caggaggatt 120
 gctttagccc tggaggtcga ggctgcagta agccatgatt gcgccaactg actcagcccg 180
 ggtgacaaaag caagaccctg tctcagaaaa aaagaaaatt catggccagt taagacaaaa 240
 tgctatgact ttgaaattca cagaaagaaa taacagttta cattacgtct tcagggtattc 300
 acgatagaaa taatctctctg aaaaacctga atttcagaga ttcttagact ggctgcocaaa 360
 ggtgacact agcg 374

<210> 1610
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1610
 gatttttttg taccttttct agggatatca tagtttgaga taccatgaaa gatgttcagg 60
 cagagccttt tcaacgaat cacccttgctg tggctctcac agagtctagt taatagaagt 120
 ttgcaactgg ctgggtgtgg tggctcactc cagtaatccc agcacttttg gaggtcgaga 180
 cggggcgatc acttgagccc aggagttcga gaccagccct ggcaatatgg tgaagttctg 240
 tctctacaga aaacacaact ttcaaaaaaa taatatggca tgggtggcaca cccc 294

<210> 1611
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1611
 gagactgtgc cactgcactt aagcctgggt gacagagtaa gactctgtct cagacaatat 60
 tgtgatgata ttgttatttt tgaacctttt ataccgcaga gaacagagag agactgcgac 120
 gtatatcccc tacaaagggc tttttctctg gtatagcctg gaagggctag aagtaaaact 180
 ttaaaaatcc aagatagaat cgtgatgagc aagcctcatg cacatgcatt aggatggcta 240
 ctacacaaaa ggcagaagat aacaagtgtt ggtgaggaag cagagaacct ggaactctca 300
 tgcagtggtg ttgagaaggt aatatagtcg agccgcggct gggcgccagt gctcacgg 358

<210> 1612
 <211> 377

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<212> DNA
<213> Homo sapiens

<400> 1612
ggcattatgt ctttcagata ggatgatget gattatgttt ggaaatagct aatctttcta      60
agaattgaaa attgttttct acatttttca tccacttaca gatcaaaagaa gaaatctgtt      120
ttatatatgt caatttttct atagtggatt gtcttaaaat agagcacgtt tgattttacac      180
cagatttatgt ttgtgcacatt agttacaaat ttggtaaaaa cattttctaatt tagagatgat      240
caggtaaaac ttgacaactg ttgagtaact gctagtaatg ctcttgagat ttatttttta      300
tttgatatca gatttataat tcaagtaaat atctgagtag aagcctaagtc aaagagataa      360
ttactatatt ctaaggg
                                     377

<210> 1613
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 1613
aatggcactt aatcacttaa actaatttaa attaaataat tggttattta aatcatcttt      60
ttcatttatt ctctacttta tttgtttgtc ttcctcgctt gaaggaggga gctaactgca      120
ttagagggtgt tgaatttcac cgttagatga tccctgggct agaatttttaa aggatgtggg      180
gattttatcag gtagggaata tagaggcaag gaagatgtag gtgtatgtac tcatctcgat      240
ttaacttgtc cagtttatta agtcatttga atttgtcag aagctagatc acctctagta      300
gttttttaaca aagtaattct caaaaaccca aactattgat ttggtttgcc tcccn
                                     355

<210> 1614
<211> 401
<212> DNA
<213> Homo sapiens

<400> 1614
cgttgctgtc ggtttgcttc aggatgtttg atttaaaaca gaggttcttc cctttccgga      60
cagggtcaga atgacctggg ttctctccaa ggttgtgtac aagagctcca cacctctctg      120
tcgaaagacc aaggacagtg gcagatgcca tggcctgttg tgaagcgaaag ttggaggagg      180
gagaatttcta caacagatgg tttcttgat atctggggcc tgtccagctc tagctttgaa      240
aatgatgggc cagaccttga actggcatgg atacaggctt aagtgccaga acaggaagtg      300
aggctcctagg gtgatgtcct tggggcagct gctgctactc agctgggtggg ctggcaccgc      360
tagctttggc ttctatgggt ttggtgagga gattgtgtgt g
                                     401

<210> 1615
<211> 387
<212> DNA
<213> Homo sapiens

<400> 1615
taccgctgtt atatatcaga cagaagggcc atacagtagg aggaggggta cctaaccttt      60
cacaaacacac aacaaatgtg aaaagtcagt gacacactgg acagaagaaa cagtgaagacc      120
agcaggcccat ttaattctaca ttattctctc caggctttta aaaataatta tgccatcatg      180
tgctttttgc tgctattatg tcataattgc cttacatctc aaatcattaa ttaaaatgga      240
ttttaagagt acggaattgg ctgacttaca agatcactta ttaatccgtg ccggatgtg      300
ttgtttctgt cttacagaga caccctgac cgttactctt tcgcggaatc gttcacaaatg      360
gcattctttac aacaacagga tatcgcg
                                     387

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<210> 1616
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 1616
cgttgctgtc ggcagaaatc tacatggaaa aagaaagtta agagtcttcc taatatcttc      60
accgatgacg gattttaaagt tatgtttgag aaccttgact tccaagttaga tgaagagagt      120
gaagaattta ggcttctgaa tccacttggt tcaaaaatta gtgaaaaaag gaagaagaaa      180
ctaagactct tagagcaaca agaacttcgt gaaaaagaag aggaggaaga gccggaagga      240
aaaccaagtg atgcagaag ttcggagagt tcagatgatg aaaaagcctg gggtgaagag      300
gtcaggaagc aacgcagact cctccagcag gaggaaaaag tgaagcggca ggaacgactc      360
aaggaggacc agcgacagct cctaan                                     386

<210> 1617
<211> 380
<212> DNA
<213> Homo sapiens

<400> 1617
cgttgctgtc ggcctttaga ttttggagac atcaggcaga tgtctccaaa aatgattgtg      60
atcaagaatc tgaattataa gattcacagt ctgctcccca acccagtgtc gccaaactgta      120
cagctgcgcc tccacgaagg ggcatacgcc aggcctgctt gacctggaa tgaggatgta      180
ggaagcagcg agagctccgg ttacgcccct acaatgggac tgaagcagga gagaaggctg      240
ggcagaaggg ctgtggggaa gtagggcctg tctccatgga tgactgccag aaggatgta      300
ggaggaggaa tatcacagga gttatagaca ttggagggaa cagagactgg cacaggacct      360
cttcattgca ggaagatggg                                     380

<210> 1618
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 1618
ccaggctggt cttgaactcc tgacctcaag tgatccgcc accctcagct ccaaagttag      60
ccacgcacc cggcctgtta ctctattttc tactacttat ttacaactgt cagaaggtta      120
atgacaacct gatttttggt gctttttaag tcacttatac ctctcactag tgatacacat      180
cttttttttg tcagaaaaatg ttttattata attataacat tttagtattt gttcttttct      240
ttgtcttttg cttggttctt tagaaccttc tatttatgta tttgatcttc ttgaactggc      300
ttctatggta gtctctttct ctcaggactt tttttttggt ttgccacttt ctctatttcc      360
atccaatttt agaaattato ctcatctgn                                     389

<210> 1619
<211> 328
<212> DNA
<213> Homo sapiens

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<400> 1619
gaggcaagct gcaagaagcg catggggaca atgtgcagag caatgaagcc tctctgccat 60
agtgaactga cccgcgacct ggtgggtgacc aggcaggcat ttgcacctgc tggggtccag 120
agctcccccct ctttcttcac tcgggtgacag caaaccaaga ctggggtcac atcattttctg 180
ggtaagatcg cagagatgct gaaagaacag tgggagcaaa aagaacaata tcttgaacg 240
tctctgttt tctctatgac ccttagaaac ccaaaagaaaa ttccacagta ggaaaaataa 300
ccattgcaca aactgtatatt ttaaaggg 328

<210> 1620
<211> 374
<212> DNA
<213> Homo sapiens

<400> 1620
taagcctgagc agaacacgac agaaggggtt gtcagccacc cgcagtgtct tttctctgaa 60
agtgggttgg aagactggct accatctggg tgcgaggaaat cattagcagc gaggcccaagt 120
ttgaggagcc tgaggaggagc tgtgcgccaa gagggagggtt tttcttttcc gagaatccag 180
agcccttat tatctgtctg ctttctcagc tgaacctgtg ccccgagatc cccagcaaaa 240
gcctctgag gcggattttg tttctatctt gtgattgac ctccagatct ctgaaacgtg 300
cgatctctgg tcccggtgtg aatcactatt ctccctcata gctcgttct ccttaacgct 360
tctcatcata cgtg 374

<210> 1621
<211> 366
<212> DNA
<213> Homo sapiens

<400> 1621
ctttgtttca aaaagcttat cccatctcta agaataacag tggtaacaac acaaaatatt 60
gttttaaaag gaagaaacaa atctaataca gaagttcctt actgctcata aaatctgaaa 120
ctttcttttt ttttttttta gaaaaggggt tttctttttt ccccgagggtt gggaagaatt 180
ggggtaattt caaataattg taaatcactc ctccgggtac ccccatcttt tccggcacat 240
ttccccgttt tatttttagga caaaagcagc ccccccttc caccataat ttttggcggg 300
gtctacatac cacacggctc atgtaacaac ctccgcatta ttataacat ttatctgtg 360
ttagca 366

<210> 1622
<211> 349
<212> DNA
<213> Homo sapiens

<400> 1622
accagtgaagc catgctgtct ctttaataaa aatgaggggt tgggaagaga aaatgaagag 60
aaatccttgg gaaatttgag agaaatgagt aaagaaaaag aaaatatatc cttttaccag 120
agtttttctt ctttaacctg acttgaggtt gctctttgct ctggaggaga gctctagatg 180
ggctgggaga tttggatctc acttgcaagta tttctcaaaa gcagctgtgc aaaccacggc 240
aagtcatttc gctcttttgg gtgacaattt cctcccttga aaagtgaaaa tgatgtcttc 300
ctgtctgtcc tatcagtggtg taaggaaaaat cagatgaaat gatggctac 349

<210> 1623
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1623
gttcatatac aggaatcaaa tcacattgac acacatagtc actttgtctt atttaaatcc 60

tcttttaatt	cttttagatta	catagagaag	aaagactcag	tttgcctgta	gtatttcctt	120
aaaacatctc	aactctctct	ctctccctct	tgaacagagc	aaaggccagc	tctgattcag	180
aattctcagc	tagcaacagt	atctagctac	aatttaacaa	catcgtctgg	gaatggata	240
tatttttata	tttatctctc	attttggcaa	atgatactgg	atttccattt	atagtaatga	300
tataaagttt	ccttaataaa	tgcatattatc	taagtcaata	attgg		345

<210> 1624

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1624

ttgtaaaaac	tggaaggaca	aggtttgggc	atggcatcag	agctgaatga	aaagcttgcca	60
tcattggtga	ctggaaaggg	acagatacat	ggtgaatgcc	actgttctgg	acttttgtgt	120
catctggta	aaatgaagga	gctcaacttg	tttttgcaag	agggacattt	gcaataatta	180
atctaggggc	agagagatac	tgtaaagatc	aatgattatg	atttgggatac	cggcctcaga	240
ttaaccaggg	ctcaaaaactc	tcttctttct	cttaataaaa	gagagaatgt	actgactttt	300
ggaattgact	cgcttctaact	tcccagtatg	ttcttaattgt	ttaaggcata	ctgctctctc	360
ctcctaactc	tgtaccc					377

<210> 1625

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 1625

gactaaagaa	aatcccaaaa	gccataaat	aaatatttac	atatatggta	tataaacctt	60
catttgtctc	tgtgtccctg	ttcccaaaaa	tataaagggt	aagtctgctc	ctctaattca	120
ctccaacttc	agtcgcaaca	ctgaacttgt	gtctaccaca	ggcccaatcc	tgctgtttgg	180
gtggagtgcc	tgacagtggg	gggagagagg	gaagtaaaat	ttttggatcc	tcaagcaaat	240
gccaccttgt	aatgaggctt	tctccctttg	gtcacccggc	tgtaccctat	attatttggg	300
gtctagaagg	tcgaagtctt	gaacaagatt	an			332

<210> 1626

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1626

cggtgtgtgc	gaataatcga	cagaaaatag	aagaaacacg	tgacacagaga	gtccagttaa	60
agaaattgcc	aaaagttaac	aaagagctgg	cacttaaatt	aattgaggaa	gaagaggaga	120
agcagaaatc	tacattggaa	aagaaagtta	agagctctcc	taataattctc	acogtagatc	180
gatttaaaat	tatgttttag	aaccttgact	tcgaagttaga	tgaagagagt	gaagaattta	240
ggcttctgaa	tccacttggt	tcaaaaaatta	gtgaaaaaag	gaagaagaaa	ctaagactct	300
tagagcaaca	agaaactcgt	gaaaaagaag	aggaggaaga	gccggaagga	aaaccaagtg	360
atgcagaaag	ttcggagagt	tcagatgatg	aaaaagcctg	gggtgaagag	gtcaag	416

<210> 1627

<211> 398

<212> DNA

<213> Homo sapiens

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<400> 1627
aagacggcct acggttgcca gttgacgaca gaagggagcc tattttatga gataagtact      60
attttgttaa aatttttatat ttaatataga taataaattg actaccccaa atgggtggaat      120
gcaaggatag catattacaa ggaaaatgtt acaaacact aacattaact agacaaagga      180
gtaataaatc atttcaaaaa aggttgagga ggctatcagt aaaattcagt atctattact      240
gataaaaaatg ttggaggaaa aagtgtatca gaaaatataa tcatgggcca gtgcggtg      300
ctcagcgctg taalcctaac actttgggag gccgaggtat gtgggtcacc tgatgtcaag      360
agattgaaac cagccttgcc cacgtaatga aaacctg      398

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<210> 1628
<211> 409
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

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<400> 1628
cccgtaactc ccattatatg ccaatagagc gagactccgt ctcanaaaaa aaaaaaaaaa      60
aagaaaaaaa ttcctttgaa aaaaaacccc ccctcaaaag gaaacctttt tttggggggg      120
gggggttttc aaaaaaaaaa attttgaaac ctgtttttta ccattggggg aaaagggggg      180
aacccggctg gggcctcccc caaccggggg ggggggggga aaaaaccccg gggggcccca      240
aaagggcccc cctaagcccc gctaggggct tccttttttg ccccccattt ttggggggag      300
ggggattttt aataaacccc ttggggcttc agccaaaaag ggtaaaaaag gaacctggtt      360
tctcgggcca aattcctgaa aaaaggtggt gaaaaagccc actttgggc      409

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<210> 1629
<211> 381
<212> DNA
<213> Homo sapiens

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<400> 1629
cgttgctgtc ggcaagcctg cccctctggg tgacctcttg taccgccagg tggagggcag      60
acagcaggca ggcgcaagtg cgtgccgtgt gagggtgaca gggccagtg ggcctgtgga      120
atgagtgctg atggaggccc tcctgtgctg ggggaatgag ccagagaaac agcgaaagtag      180
ctgtgctccc gtgtccacct gtgggtgtag ccaggatagg ctctgcaccc ctctgccctc      240
attactgggc cttagtgggc cagggctgac ctgagaagct gctccaggcc ctgcagcagg      300
gtgggtgcaga cagaagcttc tcaattttt gtctcagaag tgaaaaatctt ggagaccctg      360
caaacagaac aggggtcatg t      381

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<210> 1630
<211> 334
<212> DNA
<213> Homo sapiens

```

```

<400> 1630
tgctcaaac agctaacttt tctaagatcc tgtttcccca tccataaact gaaataatca      60
gagccctacc tctttcagaa taagtaagga gtgaatgaaa tattccatat gacatgctca      120
acataatgac tgccacacag aagtatccaa ttagtactta attctgttta tattttatc      180
attatttgga tttaactatc ttgctgagtt gtttggaagc caaatgaggt cattgcctcc      240
aaacatttat tagagatat gctatgtgct aagcattaca atagggtcag gagaatacaa      300
acgtgaatgc ctgcaaggaa ttacaccag aagg      334

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<210> 1631
<211> 418

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<212> DNA
<213> Homo sapiens

<400> 1631
cggttggtggc gcaggcagat gtctccaaaa atgattgtga tcaagaatct gaattataag      60
attgggagtc ggggtccccaa cccagtgtctg ccaactgtac agctgcgcct ccacgaaggg      120
gcattatgcca ggtctgtcttg accctggaat gaggatgtag gaagcaggca gagctccggg      180
tcagccctca caatgggact gaagcaggag agaaggctgg gcagaagggc tgtggggaa      240
tagggcttgg tcccatggat gacgtccaga aggatgtcag gaggaggaat atcacaggag      300
ttatagacat tggagggaac agagactggc acaggacctc ttcattgcag gaagatggta      360
gtgtaggcag gtaacattga gtccttttca aaaaaggaga gctcttcttc aagataag      418

<210> 1632
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 1632
cagaactgga cgcgtggcat ggcgtaaagg ttttgaggga gcgagccacc tagcgagggc      60
tgtctctcac cgcggggcgc aatggggagc agaaggactc ggacacagga ccgccggggg      120
cctgtctgtc ctgggggcag cacgagggag ccctcgtcag gaggcgccatg ggccgaaagt      180
gcctgccttc tgcacgtgga tgtttctttg gaacaagggg aaaaattatg accttcttat      240
tttgctttga cctgtgaatg acaccctggg ctctgggtgc tgggggtgtg tctctgcagt      300
gctgtcaggc acatgtctgt tccttcagcg ctagggtgctt ggcaccttca gtcttttgct      360
gacgccatgg tcgttctctg ggccn
                                     385

<210> 1633
<211> 407
<212> DNA
<213> Homo sapiens

<400> 1633
ggcacgagcc aaaatggatc tatgtgaag ccagctgtct gtactcgtga actatgcggt      60
ttctctcttc acacactggg cgtcatgtct ggagctgcag aggaggtggc cactggagca      120
gaggtggttg atctgctggt ggccatgtgt agggcgagct tagagtcgcc tagaaagagc      180
atcatctttg agccttatcc ctctgtgggt gaccccaact atcccaagac tctggccttt      240
aacctcaaga agaagaatta tgagcggcct cagaaaagctc tggatagtg gatgtctatt      300
cgggagatga cccagggtc atatttggaa atcaagaaac agatggacaa gttggatccc      360
ctggcccacc ctctctcgca gtggatcacc tctagcaaca ggtcaca
                                     407

<210> 1634
<211> 374
<212> DNA
<213> Homo sapiens

<400> 1634
cagtctctac taaaagacag aaacaataca ctgccaaaaa gttaagttag ccaccgtgaa      60
acttctctat tggagtgtct gtttcttttaa gctgtgaata ctgaaattat gccttgtctc      120
ctccccacc cagggggatg ccgtttttgaa gtgtggacac gtgtttgaa cagtactactaa      180
actcgtctac ctgtttaaaga aggagaacat tgtcaatggt gtccaaggaa ggtagtggtg      240
ttcatcttca gctcaggaag taattcaatg ttaaaatgct tattaaggcc gagcgtgggt      300
gtctatgcct ataatccag cactttggga ggctgaggtg agcagataac ttgaggctag      360

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gagttcaaga ccag

374

<210> 1635

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1635

cagtctctac	taaaagacag	aaacaataca	ctgccaaaat	gttaagtgtg	ccaccgtgaa	60
actctctctat	tggagtgctc	gtttcttttaa	gctgtgaata	ctgaaattat	gccttgctctc	120
ctccccaccc	caggggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcctc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaggaag	taattcaatg	ttaaaatgtt	tattaaggcc	gagcgtgggtg	300
gctcatgctc	ataatcccag	cactttggga	ggg			333

<210> 1636

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1636

ggcacgagga	gaaggaaaac	actggattta	taagccacgt	ctgggaagtt	ggaaaaggag	60
aaagaagcaa	aggaaggtct	tgaaccaaaag	gagcaggaag	accttcaaga	gaatgatgag	120
gaaggtctac	aagatgaagc	ctcggaagact	gactactcat	cagctgatga	gaacatctctc	180
accaagacag	atacactcaa	agtaaaaggat	cggagaaga	agaagaagaa	aggacaggaa	240
gcaggagtat	tttttgaaga	tgcattctcag	tacgatgaaa	acctctcgtt	ccaggacatg	300
aaacctttccc	gccctctctc	gaaggccatt	acagccatgg	gcttcaagca	gccacccccc	360
atccagaagg	cgctcatacc	tgtgggtcta	tgt			393

<210> 1637

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1637

cggtgctgtc	gcaaggcgcg	ttcgagcagc	ggcgaccgac	gcggcggaag	agcgcgccat	60
ggagcatgtg	acagagggct	cctgggagtc	gctgcctgtg	cgcctgoacc	cgagggtgct	120
ggggcgctcg	cgggagctgg	gcttcccgtg	catgacgcgc	gtgcagtcgc	caaccatccc	180
ctgttctcatg	cgaaaacaaag	atgtcgctgc	agaagcgggtc	acaggtagtg	gcaaaacact	240
cgcttttctc	atccccatcc	tggaaattct	tctgagaaga	gaagagaagt	taaaaaagag	300
tcaggttgga	gccataatca	tcaccccccac	tcgagagctg	gccattcaaaa	tagacgagggt	360
cctgtcgcgt	ttcacgaagc	acttccccga	gttcagccag	aa		402

<210> 1638

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1638

cggtgctgtc	ggagcgcgcc	atggagcatg	tgacagaggg	ctcctggggg	tcgctgcctg	60
tgcccgctgca	ccgcaggttg	ctgggocgcg	tgcgggagct	gggcttcccg	tacatgacgc	120
cgggtgcagtc	cgcaaccatc	ctctgttcca	tgcgaacaaa	agatgtcgct	gcagaagcgg	180
tcacaggtag	tggcaaaaaca	ctcgcttttg	tcatccccat	cctggaattt	cttctgagaa	240
gagaagagaa	gttaaaaaag	agtcaggttg	gagccataat	cataccccc	actcgagagc	300
tggccattca	aatagaagag	gtcctgtcgc	atttcaacgaa	gcatttcccc	gagttcagcc	360
agattctttg	gatcggaggc	ag				382


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<210> 1639
<211> 176
<212> DNA
<213> Homo sapiens

<400> 1639
ggcctacgtg ttcttgcggg ggcggagcgg cggattagcc ttccgctggg aaaaaggagc 60
tcgaggccat gaggagatat accagcccgag tgaaccocag ttgtctcccc catctgaccg 120
tggtgctttt ggccattggc atgttcttca ccgcctgggt ctctgtttac gagggc 176

<210> 1640
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 1640
cggtgctgct gaaagagatgg cgtgtgtggt cctcctccat caaagaaaaa gaagtatttt 60
ggattttaaag aagatccatt tgtattttatt cctgaagatg acccattatt tccacctatt 120
gagaaaatttt atgcttttga tccttcattc ccaaggatga atttgtaaac tcggactaca 180
gaagggaaga aaaggcagct ctacatgggt tctaaggagt tgcggaatgt gctgctgaat 240
aacagtgaga agatgaaggt tattaacacg gggatcaaag tctggtgtag aaataacagc 300
ggtgaagagt ttgactgtgc ttcccggtcg gcacaggagg gaatatatac attgtatcca 360
tttattaact caagaattat tactgtatca atggaagatg ttaan 405

<210> 1641
<211> 406
<212> DNA
<213> Homo sapiens

<400> 1641
ctacaaaagg ttctttgctt ggttgagatg tctgaaaagc cttatattct tgaagcagct 60
ttaattgctc tgggtaacaa tgctgcttat gcatttaaca gagatattat tcgtgatctg 120
gggtgctctc caattgtcgc aaagattctc aatactcggg atcccatagt taaggaaaaag 180
gctttaattg tcttgaataa cttgagtggt aatgctgaaa atcagcgcag gcttaaaagta 240
tacatgaatc aagtgtgtga tgacacaatc acttctcgtg tgaactcatc tgtgcagctt 300
gctggactga gattgcttac aaatatgact gttactaatg agtatcagca catgcttggct 360
aattccattt ctgacttttt tcggtttatt tcagcgggaa atgaag 406

<210> 1642
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1642
gttcactatg taagttaaaa tatcaaaagag ggatatacaa ctgaaaagta aaagttcacc 60
tttcttctct ttctcctact totataaatt gatcagttta gataaaaatat ctctgctttt 120
caaaaattact ctctagctgg ctcttgagga aaaaaaatgg gggtaggagg agctggggcc 180
ttcccttatt tatcaagcc gatgaagagg tcttagactt ttggagagtc acagtaaaag 240
aagaaaacca gtcacctgat ttaaaaaaac aatatattca ggtttctgaa tctagatttc 300
tagttccagt ctttgaacag
<210> 1643

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<211> 316
<212> DNA
<213> Homo sapiens

<400> 1643
tatccttcaa aactgaatgc aaaaatagaga tgtattcaga caaaaaccaa gaaaactttg 60
cactagcaga ccaaacatgc acatgatgag aaactaaagg aaattcttca agtagaatga 120
aaataatgcc aggtaaaaa cgaatataca aaaggaaatg aacagtgcac aggataaatg 180
aatactgagt ttacaacacg tgaatgtaat gtccgtgggg gtctgaatta tacatagaat 240
acaaatgcac aataacaatg ccaatggcag aaagaggtaa attcatttaa aggttacaca 300
gttctagcag tactga                                     316

<210> 1644
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1644
tatctgctgt aatattttta tctgaggtag ggataaaaac atcccatttc tggactttac 60
ttggagaacc agctagaggt gaaatcacga ccttctcatga cctggactga aaacattttc 120
aagttctctca ttccgtctca ttccgtccaa tttaataatc cccaagcatc ctcccccttc 180
cactgtgtgt acgactctct tgcacagctt ttgtattccc acagatcaca aaactcacaaa 240
gcaccggagc ttgaagaatc tcaatagata atccaaggcc agggacgggtg gctcacgcct 300
gtaatcccac cactttg                                     317

<210> 1645
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 1645
atctgggttag tacaatgcac ttatataatgc tgtgtgtgtg cgtgcgcgtg tgggtgagta 60
tgaggcccat ctttctctct ggccccatc ttttcacaga attaacgtat gtaccacatca 120
gatttggttt aagatctata ttctgtgtgac cacacaaatc acatcttctc tactgatctg 180
actctatgtt tattctgtct gaigtgtgta ttgggctctg tgacctttgg gaactctgct 240
gatttctctg ccaattttat ccctatctca gatgcgtatt ttgaaatttt aatgtcattg 300
ttaatgtgaa gaactcagcc agt                                     323

<210> 1646
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1646
tacgggttgcg cgaagactac agaggacac gaaattaaag catatagagg tcaagttttt 60
ctccaatggt cctgcgataa caatggcaa agacaaaatt gtcaaccagg gtatttgagt 120
tcagagaaaa caactctagt gcatatgtta gactgtgaga gtcaataaca gcacattgct 180
tttacctga cactctacac atatttgagc aactgggtga tttaaaaaaa ttattacaacg 240
gatgatgaat tattaagcaa atctgaact ttttaaatg gagatatttt aatacttata 300
taagaatttg caggttttca ccatcatag ctttacatat cccacagagg g 351

<210> 1647

```

<211> 267
 <212> DNA
 <213> Homo sapiens

<400> 1647
 ctactgtcat tatgtctggc cccggaga aactctgtga gtatctatta attaacaaag 60
 acaaaagcaca ttaaagagaa attgaaggaggaggaggaggagg aaggaagta aagtttgaga 120
 gaaaagaatg atagattcct attctctggg gataagtaat gaagccttat gcttgcata 180
 tttttctctt ctggaaatat tgggtgtgtc tgtgggtgaca gacgaaagac cattttactt 240
 gaacaagagag ttttaataca gctga 267

<210> 1648
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 1648
 tgggatatgt gtcgcttaaa ggacctctt gctgctttgc agacagtggc ttgaatgggt 60
 caactgtttc tcactgtgaa tcaacgaaa gaatttcttg gaaagaatgg aatttaacac 120
 atatgtgtgg gaggatttca aatgtggaa agaaataggg ttcaaaagag actgagctat 180
 atgctgcataa tcttgacact ggggtatata ccgtacagtt tgaagagggt taattcaata 240
 gaaaaat 247

<210> 1649
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 1649
 tgtggactac gactgcgaca tgaacacaga cggggatgag tgtgatccat cctatcctca 60
 gatgggaagga taaaaaacct atactcatta caattgatga gcaataacta ttatgagaaa 120
 acacaacatg ccttcattgt accgacctc gcaacaatac gcatcattt gatcgaaacta 180
 cgtccatagt gaggggcatg tatatagac ccatagctaa ttcgtactca atgggggaaaa 240
 togaagacct ttctctctaga ataggaaac tgagaaagat gcccaacttc atccctttta 300
 ttcaacatag tattggaagt ccttgcata acaatcaaac aagagaaagt aagaaggagc 360
 atccaagttg 370

<210> 1650
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 1650
 aggatgttag ccaggaggat ctccaggacc tgacctcatg attcaactgc ctgggctctc 60
 cgaagtgcgt ggattatggg ggtcgccac cagccccagc ccattttgctc ttttttaaat 120
 caaaagattt taaaagtaca agtctgccca cagagtcagc gtctgcaaaag tgtttcgact 180
 ctacaaaaga gtgtttgtat ttttaaagtt caggaaacct ttacggactc aagacactga 240
 ggcctcagga gatagggtct cttcgccaag ttgcagagcc agctggggcc caggaggttt 300
 aatccaagtg gtgtgggtct cctctctct ctgttcaggg aagagcccc ttatc 356

<210> 1651
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

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<222> (1)...(336)
<223> n = A,T,C or G

<400> 1651
cagggtcaccc gattcacttc atccccgtca ccagggtactt gttagttagg tacacaaaat      60
tattcttctg gattcctgaa agtcttctgca cagtttggta tctgcagact ctcacttata      120
ttcatctcaa agaaaacgaac atgatcacct ggtctagtct ttcgacaaag cctggacaat      180
atagtaagat cccatatacta taaaatgttt tcaaaaaaat tagctgggtg tgggggtgtg      240
cacctgtggg gcctgctatt caggaggctg aagttagagg atcccttgag tccaacagtt      300
agaggctgta gtgaacagtg atggtgccac tgcact                                336

<210> 1652
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 1652
tattgttagt tattgttgtt aatctcttacc tgtgcctaatt ttataaatta aacttaatatca      60
ttggtattga tgactaggac aagacatagtt acggtatata taggatttat tattattttt      120
ggtttttaggt atccatttta ggttttaggt atccactggg gatcttggaa tgttttccct      180
gcagataagg gggggactac tgtacattac ttctccatg taaatattgc ccattgtaaa      240
actgctgaga ccagtagtat attatgattc tatttacttt cttatatgct ttgnttttctt      300
tctcaagtta attgctgat tntatgttta ttctttttta tt                                342

<210> 1653
<211> 412
<212> DNA
<213> Homo sapiens

<400> 1653
cgttgctgtc ggggtctgtg tgagagctag aggccttggt gtaaaacaat gctagatgtg      60
gtgtctgtct ctgagcttaa aaatagcttg agaagacag tgatatattc agaaaagaat      120
gtgcataatg aaaagttgaa acttttaaaa actcactcaa aactaagttt taaaaaagag      180
ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata      240
aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tgggtatataa      300
ttattttaac ttgccatagt aaaacctaag gcacaggagg gtaacttgcc tacagggtgca      360
gccttaggaa gtcaggggagc caggattcac tgtcagctga ctgactccaa at                                412

<210> 1654
<211> 336
<212> DNA
<213> Homo sapiens

<400> 1654
cggggacggg ctctgttctg ccacactaac aattogagaa gccaggcgcg gaattattct      60
tgagaccgag ggaataggac caatcctggc catcataggc tgacttcac gctccaacag      120
gatgatttgc atattatcca tgtgcaatgg cacacacctg gagtgcgacg tacttggggag      180
gctgaggtgt gaggatcact tgagcccatg aggcacaggt tacagtggag caagatctca      240
ccactgcact ccagcctggg tgatagagca aggtcctggc tctaaaaggaa atttttaaga      300
ttgcccttgg aattaagatt aatatgtatt cctctggg                                336

<210> 1655

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<211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1655
 agctgtgacc tgagggatga attgccatt gattcattta ttgattgaaa gcccttttat 60
 tgaagatctg ctatgtgcc agcattgctt taggcacagg gtgtatatag tgttaataaa 120
 ggtccctgct ctctcagagc ttacaatctg ataaaagaga aatgcaatga gcaataaagt 180
 aaagaaaagg aaatatcaag caggcaataa cttctgctat gaaaatcaaa ctgggggaatg 240
 tgataagaaa tgcatagggg gctatgctag gtgggggtgt caggaaaggc ctttctgaat 300
 aggtgaaatt tggagggttaa aaaacatgga tagg 334

<210> 1656
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1656
 aacatacaata tcaattaaca ttttaattga tagtgatgtt attaggcttt tcatttaagt 60
 catctacaaa ttgattgaca attgaacftt atcatttgct tagttcactg ctataacaaa 120
 ctgttttaata cttttttcta atagtaaaaa catactgaag attgagaagc actgggtgag 180
 aaaaaaatag taaatatata aaatgtataa gcttggaagt caatcagaaa attgggaactg 240
 attccatttg taagacacaga aacataaaat aagttttaaa cttataaaa ttttatttta 300
 aaattactac aaacctcaat gtagggtata aaaga 335

<210> 1657
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1657
 tgaattccg ttgctgtcgt ggacaaacat tcccttttct tccaagatcc taaagctgat 60
 catcaacgag ctctccaacg tcatggaggc taatgccgct gcccaggcca ctccctcgaga 120
 gtggagtcaa gatgactcca atgatatgtg ggaggaccag gaggaggaag agggaggaga 180
 ggaggatggt ttatctggcc aactttttat tgacatttct gctacaagta aatatgagga 240
 ggattactac gaggatgatg aggaagatga cctgatgcc ctgaaggatc ctctctatca 300
 gattgatctg caggcatatc tcacagattt cctctgccag ttgtctcaac agccctgcta 360
 cataatgttt tcaggccacc ttaatgacaa tgagaggcga gt 402

<210> 1658
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 1658
 cgtttgctgtc gogagtagct gggattactt tggccacca ccatacctgg ctaatttttt 60
 gtatttttag taaagacagg gtttcattga gaaaccaata tagaattgtt caggctgggtc 120
 tgaactcct aacctcggtg gatcaccoca ccttgccctc ccaagtgtct gggattaaaag 180
 gtgtgagcca tctgctctgg cctaaaaaat ttttttttct tcatctgggt ttttgccttg 240
 aaaaacagtt tctccaaatt tacagatttc ctgatgatgt tgggtctgaa ctaccacact 300
 tgattaggtc ttttagggcc gagggactac coagctgcac aggtgactgg atgggggagg 360
 tgtgggaggg ttttctccac actacgtcct tctgcattg 399

<210> 1659
 <211> 347
 <212> DNA
 <213> Homo sapiens

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<400> 1659
aaaccctgtg aggcgtgagct gtgagggaag gtttggagtt tgctatggga aaggctgcag      60
gggtctataag aattgaaaag gggaggccaa ggaggcttca gatccccctg acagtatttt      120
taaaaagatgc aggttaaaaa attgattttc ttgttattta tattttgata cctaattgaa      180
cttctccaac ttgacctctt ttaaaaaaaa caacaagaaa aaaaaaaata aaaccctgc      240
ttccccctat tctctaaccc gggagggggc ttccccaaaa aaaaaaaatc cagccccgatt      300
tctttgggaa aaaaaaatcc taaaaccctt aaaaaaatat ctttaag      347

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<210> 1660
<211> 362
<212> DNA
<213> Homo sapiens

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<400> 1660
aacaacaaat atgaagacat actatgtgct ggaattattt ttaaaactaa gaaaacaata      60
aaggaaaaaa actagattgc tcttttcctt cattattata ccacacgttt tctgtcagta      120
ctacaggaat atataaaaag tctatcttcc ttgaggccaa gattcaggtc taattaactt      180
tttgatcttt cttattactc agccagagtt ttgcacatgg cagacataag gtaattagttg      240
gttgagtcac ctatgtaaat gaatgctgct tagtgctcac aaaaatggga tttctcaaaag      300
atgattagag aggtaagtgg taagggaagat gttttctcat aaaacccagc agctttggga      360
ag      362

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<210> 1661
<211> 176
<212> DNA
<213> Homo sapiens

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<400> 1661
agcttgcgat agccaccggg cctgggtcaag aataagggtca tttattgttg tataggcaat      60
aagtgtagat caaggataact ttaaaaaact catagggtgag cccgggcgat gtggctgaaa      120
tcagcctgca caaccogtag tgagacacca tctctacaaa ttaaaattaa aacttt      176

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<210> 1662
<211> 358
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

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<400> 1662
gaagatgtga gtgtgactcg taaaggcaag agcatgtata ttatgcaaaa gcagcctgaa      60
atatcttatt cacagacaga cagacaatgc tgactcctt gctaacttga aatacttcgt      120
ggggaggggc agggaaatca aaacaaaatt tcagaagtag aatgagctat ttggtgtatg      180
tctccaaggg cagtaataaa caagaaggaa aaataaattt ctttgctaac aacaagaagg      240
agaaataaac tttttgtctc taaaatatct tccaaatttc tccacgacac tggaggggaa      300
gactancnnn nnnnnnnnnn ggagggaggg agggaaaaaa nnnngaaagg aaaaagga      358

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<210> 1663
<211> 400
<212> DNA
<213> Homo sapiens

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<400> 1663

```

ogttgctgtc	gggaacaaca	aaacattttt	catagagatg	ttataaagat	tagagattat	60
ttggcactgt	gtgtgacaga	ttataaaggt	tcgatgaatg	aaatctggca	aaatttttaga	120
tatatgtatt	caacgaattt	tttgggtggaa	cacagataac	ataatcctga	gaatctaactc	180
tttgtacaga	cctcaagatg	agcaaaagctc	tatcactttc	agaacacatga	ccactctgggt	240
gatttttgatt	tcagaatcct	ctttcattct	ggttaaacccc	ctttgcccc	ccaaatattg	300
tatggaata	catttttttt	tttttttttt	gaaacaaagc	ccccctcact	ttgttcccc	360
aaaggaaggg	caggggagaa	attttgggtc	acggcccccc			400

<210> 1664
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 1664						
tacgtctgcy	aatacgacag	aaggggggtg	agattgcagt	gagcgagatg	tgtgccacttt	60
cactcagacc	taggtgacac	agcaagactc	catctcaaaa	aaaaaaaaaa	aaatttttttg	120
tttttttttt	tcoccttttc	ccccccaaaa	atataaaggc	tttttaacc	ctgtttatact	180
gctttattat	ttttaatagc	attattgaaa	tgaggttttt	ttttgtctcc	caaaactggat	240
ttttttttac	cacaattttt	gttccttgaa	ccctaatttt	ctgggctcaa	ggatatcttt	300
tttctttaac	ctccacaatt	taaagggggt	tcaccacccc	ttggtaaaat	ttgatttttt	360
ttgan						365

<210> 1665
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1665						
tactgaagac	cagcgcgctc	cttacagctt	ttcacagact	ctcaccacaa	accagtgac	60
caggccaaac	atctctctta	cagattacag	ggtgggtgta	ctctgctggg	ataataatta	120
tggtatcctt	ctgaacctgg	ctaacaacaa	tggttaacaa	tcattaggga	atgggttttag	180
gaaagctaac	tgggttgagg	ttagagaggg	cataaggttg	tatgaggcag	cacaggatgt	240
ggccacaggt	cctgagtcac	agagcaagac	cgggcctcta	aaaacaaatt	tttttatttt	300
ggagggtgga	ggataggggg	tgggaggg				328

<210> 1666
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1666						
tcagatggag	atggtggttg	cacaacattg	tggatgtact	aaatgccact	aaactgttgc	60
ctttcaaatg	gttgatttta	tgttatgtaa	atttcacctc	acattatttt	taaaaatgat	120
ggcttttaaa	gaatattttc	tgacatagga	aaattcacac	cacataacct	ttattaaaaac	180
tggaacttaca	atataactcc	aattttgaaa	gattaaaaat	gtacatgtga	gtttgtgcat	240
atatacatatc	atacatagat	gcgcgcgcgc	acacacacac	acaccatata	tatatatata	300
tactcatcct	cctccccaaa					320

<210> 1667
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1667
 taaacaatta tgttccctata ctttaccocat ttaaaaattg gtttggtggt ctttttctta 60
 ctgacttcoag gagctgccttt tatttctgtc ccaatttttg caccctctaa ctggctggaa 120
 tagtcttttac tgatatgact atgtactggg aaaccctaa aagaaactaa tgattaaacc 180
 aactcaaaaca ataaagagtt cagtaattgg tagatgcata ttggtagata cagttagcctt 240
 catgtccaca aataatagac agttaaagt tatgatgga gagaaagccc catttcaata 300
 gcaaaagaga agataaaaat atttagaagt aagttcaaga aan 343

<210> 1668
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1668
 taaacaatta tgttccctata ctttaccocat ttaaaaattg gtttggtggt ctttttctta 60
 ctgacttcoag gagctgccttt tatttctgtc ccaatttttg caccctctaa ctggctggaa 120
 tagtcttttac tgatatgact atgtactggg aaaccctaa aagaaactaa tgattaaacc 180
 aactcaaaaca ataaagagtt cagtaattgg tagatgcata ttggtagata cagttagcctt 240
 catgtccaca aataatagac agttaaagt tatgatgga gagaaagccc catttcaata 300
 gcaaaagaga agataaaaat atttagaagt aagttca 337

<210> 1669
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1669
 gtttcattct gcattgtcttt ggtcatacaa tagtctattc tattattcta taggcatttt 60
 tctaaccac tccaaatcca ttttgcagt aggtacggat ataaatcaca aggtaaacaa 120
 tgtaattgta ttacttctgt atgcattgat gttcttgcatt gtgtgtattg agaggaaatgt 180
 ttgtctgact acctccattgt gccagtcctga tcttctggag agaaaattgc tggggaggctg 240
 tgacatgaac cagtgtggag gcaaatatga gcaagactg agaaactggca tgaagagaaa 300
 tccatgagat ggacaagcca cctttttaag t 331

<210> 1670
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 1670
 ggagcgtttg aacacaccac ggaatgatg cctgcacct agcccttggt ttgggaagga 60
 tgagatccta ttgttttttg tgcacctctc attatctttt gaacatgggt taactacatc 120
 tacggcattt ataacatgtg gcaagcataa gctcttgagt ctgatgtttc tgatgccatc 180
 tactcttact gcctttggca cctccagact actgaactcc tctgcttcc cctggatcc 240
 agatacgtgg ctgggaagag cctctggcct ttgtagccag aggagtggt gaccatgggc 300
 aacagggcac tgtgtccctg gatgcgtn 328

<210> 1671
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 1671
 cgttgctgtc gaaaaatgta aaggagctca gccttttttt catacaatat ttgttcatat 60
 cattaaactcc ctcatattta tgtacataaa ttatttggtg taatgatatg aacaaatatt 120
 gtatgaaaaa aagcgaaaat gcaaagtgc aattcttggg cagggtggga gaaggcaaat 180
 caccacaataa aggataaccc tttaacattt tatctaaaga aaaagaagga agagaaaaat 240
 atttaccatc tcagattaga agacaatata aatatataca tctatgttaa tacttttgaa 300
 aataccagca aaatagaaac atatgttttc ctccagaaaa atagaaaacc ttggaaatta 360
 gtaaccatgt ttccatggtt atta 384

<210> 1672
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1672
 tggtaactgt ctgtagctcc agctactcag gaggetgagg tgggagaatt gcttgagcct 60
 aagaggtcga ggctgcagtg aggtgtggtc gcagcctggg taacagagtg agatctgtt 120
 tgaaaaaaa agagcaaaag gcaaaaaact aagagtgtca tatgaagaa ataccaatga 180
 ataccacgga aaagatgttc aattccattc ataagatgag atatacacat ttggtttata 240
 aaaagatagt ggtcttcacc taaaaaaa tagcaaaagt taaaagtctc agtatatact 300
 atattttgtt aagctgcttc agggaaaagaa tccagccttg atggttaga 348

<210> 1673
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 1673
 tacgggtcgc atatgacgac agaaaggagg aggaagctgt ttgtattcct tgggctcggg 60
 tggctcatag tggcgggttt ttccgcgcct ttttctctgt gtaccagatc gggataggtc 120
 tctctggg 129

<210> 1674
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 1674
 acacagctct tgtctttttt cggannnnnt gttctaattc ggcacgagcc cacttttgcc 60
 aagggtccag ggggcgtcca ggacatgatg cgtaggcgtt ttgaggagcg caatgtttggc 120
 cagatcaaaa ccgtgtaccc ggctcctac cgcttcgcct aggagcgcag tgtccccacc 180
 ttcaaggatg gcgcagagag gtcagattac cagctcacca tcgagccact gctggagcag 240
 gaggtgcacg gagcagcccc ccagctcacg ggctcgcgcc tcttcgacgc acggcagatc 300
 ttcagccaga agctgggtgga gcacgtcaag gacacacaca aggccttcct ggcctccctg 360
 agcccccca tgggtggggc ggaggaccag ctgacccgct ggcacccgcg ctccaacgtg 420
 gatgaag 427

<210> 1675
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 1675
 tgtcacctta ttcacacatc cagacacgtg atgtctgcta cacataccta ccatTTTaaac 60
 attcatgctt acacacacat tcacatgcat acagagagaa aggagctctc tctctttcat 120
 ggggtttctca ttgagaatca tgatgatatc agcacaggtc ttggaggagaa aggaattta 180
 catctatata ctggaaacct aagaatgttc cagccgtgtg tgggtggctca caccactggg 240
 tgtggtggga ggcca 255

<210> 1676
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1676
 gagtttgcag agacaggaag agagcagctc gggaggaggg aacagggtga gcaaaagcag 60
 actatggaaag gcagaggcat aagacagctc aataagttgt acaaggggaag atgaggttga 120
 caccctgacca ctgaatgtca ggttgaaaag gcccacatt caccacacc caccatttc 180
 caaaacacac atgcacgcac acacatgtgc aaagaattcc agcctcatga aagagtggag 240
 cagggttcagt ctccacatag atcaatttca tggagatgtg tccagccatg tgtacattc 300
 ctcccattga agaggctatg gaggttaagaa cctatatcca taagccatgg 350

<210> 1677
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1677
 cgtgtgtgtc gctgaggtgc acagagccca aaggcagaga gagggggtga aggtatagaca 60
 ggtgtgtagc atgggctagg ttacggtga gtgcttacta aatgctgtgg aatgattgca 120
 tgagttccag aaggcccgag actggtgaga cagagaatgc agaattggct acactgggaa 180
 ggagactcca cctgacacag caggagaagg ataagcagat gtatagtgct tgggcagggc 240
 caggcaaaagg ggagatttgc tcagaaaatg ttgaatgaat gaatgcacaa atgcatggga 300
 aggcacaaagt aagcatgaga gagccacaga gatgaaacaa acaaacacaaa aagacagaaa 360
 tagggaaatta aatagggccca ggcacggt 388

<210> 1678
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1678
 ggcgtgtacaa agagacagag gctgttagct atggctgaag acagtggcaa aaaaaaaaaa 60
 ggggaaaaat ttttaaaagt ttgtccaaagg gtcccttaa aagggggttg gaaacctcgg 120
 gaataacccc ctgttataaa accacggggg ttggcaaac ttttttccaa cccttagtcc 180
 ttattccggt taaaaggcca cccggggtaa aaaaagccac ccccaaaaaa aaaccggtta 240
 aatggtggaa accccgggca aaaaaggttt ttacgggggt ttaattttt tggcaaaaaac 300
 acaatttttg ccctttgagg gagaggaaaa aaaaaaattt tttttgtgcc ccatgtgtga 360
 aacggggc 368

<210> 1679
 <211> 429
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1679

gagagcatta	acccannngt	tttgnagagg	aacccatcga	ttogaattcc	gttgctgtgc	60
ccaatgtgcc	cttcctgggt	gccctggcgc	tcctgagctc	cgtcctgggg	ggccttgtcc	120
tggtcccccg	ctcctctcag	gggcgcctgg	cgtgaggaa	catcactgac	acgggttcca	180
agctgctgct	gctgggtctg	gtcaccctca	acttcgtggg	ggccttcacg	ctggagagcg	240
tgctagacca	gtgcctcccc	gcctgcctgc	gccgcctccg	gccccagcgg	gcctccaaga	300
agcgcttcaa	gcagctggaa	cgagagctgg	ccgagcagcc	ctggccaccg	ctgcccgcgc	360
gccccctgag	gtagtgcagg	cccacgggca	ccccagacac	tggaactccc	tgctctgtgag	420
ccaccaact						429

<210> 1680

<211> 411

<212> DNA

<213> Homo sapiens

<400> 1680

ctcactcccg	ggcagcttag	agcaaggggg	gagctgaact	tcgaacaaga	tgagctgggt	60
gacggagggc	agcggggcca	catgcacaac	ggccttaact	accgtgaggt	cgcggaggtc	120
cgtctcgacc	accatctggg	acgtttttac	ttcctcacc	gcgtgtactc	cgattacctc	180
cagaccatct	tgaagagact	gcagtcgggc	gagcacgccc	ccgacctggt	catcatgaat	240
tcctgcctct	gggacatctc	caggtatggt	ccgaactcct	ggagaagcta	cctggagaac	300
ctggagaacc	tgttccagtg	cctgggccag	gtgctccccc	agtcttgcct	cctgggtgtg	360
aacacggcca	tgctctgtgg	cgagggaagt	accggggggt	ttcttcgcc	c	411

<210> 1681

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1681

ggcacgagga	ccgaccagga	ggtcctctgt	tgagctgtgt	cgggcgaagc	tgccggctgt	60
gggggcccgt	atggagcgct	tcggtgtgct	gtggacgctg	ctgggtgtcc	gctggttcat	120
ctgcctgttt	gtggacatct	tgcccgtgga	gacagtgcct	cggatctggg	actgtttgtt	180
taacgaagcg	tcgaagatta	ttctccgggt	ggccctgacc	ttaatgaag	agcaccagga	240
gttgattttg	gaagccacca	gcgttccaga	catctgcgat	aagtttaagc	agataaccaa	300
agggagtttc	gtgatggagt	gtcacacgtt	tatgcagaaa	atattttcag	aacctggaag	360
cttatccatg	gccaccggcg	ccaagctccg	caagagctgc	agggg		405

<210> 1682

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1682

cgtgtctgtc	ggtttgaacc	cgggtaggcc	catgtggcca	ggcctgggt	aggcaggggg	60
caccgcgggg	cctggcatat	ccagcagcc	tggtctgtgc	tcgagcagg	gacaagacgt	120
tcgaggagta	cctggatgag	tattaccggc	tggactacga	ggacatcctc	gacgacctgc	180
ctctgcctgt	caagtaccgc	acagtggtgc	cctgtgactt	tgccctcagc	actgaggaga	240
cctccgtctg	tgacgataag	gagctgaacc	ggtgtgtctc	cctaagaag	acctgcattg	300
acaggtcaga	gcaggaggag	ctgcgggaca	agcggcgcta	cagccagaag	gccccagaact	360

catggaaaaa gggcgaggtc ttc

383

<210> 1683

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1683

cgttgctgtc	ggcgtagatg	tttccacca	ctattctaac	agctctatct	atgaatatat	60
tgtagcgagg	ggggccctgg	atttctcttt	ctttgatttg	atccgctact	gtgtcagcgt	120
ttgcaatcag	attgcatctc	acctgcacat	acatgtcttc	agaatcaagg	tctctacagc	180
tcatttcaat	catcattaat	gatgtaattg	gtatatagga	acatcatggt	ttctgcagga	240
aagaaagtga	catattaagg	agaatggggg	tggataagaa	caaatataat	ttataataat	300
caatgctgga	taacttttat	tctttattat	tggtaacacg	ccctaactat	cctgtgtgag	360
aatgggaatt	tcaagtccca	tcttgcaaat	tggtatggtt	gtcatgcacg	gtttgagcn	419

<210> 1684

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1684

tgggattaga	ggcggtgtgcc	accatgcctg	gctaattttt	gcatttttag	tagagacagg	60
atttcatcat	gtttgtcagg	ctgggtctca	actcctgccc	tcaggtgatc	catctacat	120
ggcctcccat	agtggttggga	ttacaggtgt	gagacacogc	acotggataa	cagtcgtgtg	180
ttgatcacca	gtttttatat	aattttcttt	tgaacacaaa	gtattattata	aaaatacttg	240
aaaggagagt	tcaaaaattg	attttgaata	ccgggttaaa	gattcaggtg	tggtcggttt	300
cctacttoga	aatgcagagg	aggg				324

<210> 1685

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1685

attgtttttc	ttccagtttt	tctttttcca	aaaaagggat	tcaagctggc	ctgcaaaactc	60
aaatggcttg	tacatagtgt	agattaaggc	aaatacacaa	gattgtatcc	tggttttttc	120
agctacatta	tacacaagta	tcttcccttg	tgataatgta	gtttttataa	atataagttt	180
ttaataacta	atatttcatt	atgtgataca	tcatgattta	ttattttaaa	ccatttcttg	240
attgtcttgg	tttcaacttg	ggaagggtct	acaaaaattc	ttaacaaaaa	tctggatgog	300
gcagactcag	tggtttacgc	ct				322

<210> 1686

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1686

tcctacata	attgtgactt	agaattattt	agaagagaaa	tattatttat	gagaagaaaa	60
aataattaaa	gtcataatct	ttaaagctta	aattttaaaa	agacaaagtt	taacagcaac	120
cattgagggt	gaattattta	ttgttttgct	ctcttaacat	acotttgggg	aatacaaatt	180
aaaataacaa	gaactattta	atttattgct	tatctgactg	gcaaggataa	aaatgaatgt	240

taacatttat cagcaagcat gtgagaaagt aggcctttctc atgcactact tatgtgaatt 300
 aaaattggta aaagttttc 319

<210> 1687
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 1687
 ggcacgaggt gaacacggcc aaaggattga gtggcgaaaa tgggaagcaac agaagaaga 60
 ggagaaaaaa aaatggaagg atctcaagct gatgaaaaaa ctggagcggc agcgggcaca 120
 ggaggaacag gcaaaagcgc tgggaagagga ggaggcagcg gcagagaagg aggaccgcgg 180
 gcggccctac acactgagcg tagccctgcc gggctccatc ctggacaatg ctccagtccg 240
 ggagctctgc accactctgg ccggtcagat tgcacagacc tgtgccatct tctgtgtgga 300
 tgagatcgtg gtgtttgatg aggagggcca ggatgccaa agctgtggagg gggaaattcag 360
 aggagttggg aagaaggggc aggcgtgcgt acagctggcc cggatcctgc agtacctgga 420
 gn 422

<210> 1688
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1688
 cgttgctgtc gggtctgtct tgaactcctg acctcaggtg atctgcccgc ctacagctcc 60
 cacagtgcgt ggattacagg tatgagccac caogcccgcc ccatTTTTTT ttttgacaa 120
 tttttttttt ggaacacggg ttttgcctct tggccaaaaa gggggggcgg gggttggaa 180
 aaagttaatt gggcccgga atcttttggc ctaaccctcc aaagtggtag aaactacggg 240
 tggcccatct agccccggct agtttttcaa tttttggaaa aaagacgggt tttttttttt 300
 tgaaaaaggg tttttttttt gccccaaaag tgggggggaa agccggggct aaccctattg 360
 gaagcccccgc ccg 373

<210> 1689
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1689
 cattggtagg aggttatgct tttttctggt ttttgtttta ctttcaacct aggttataag 60
 actgttaatt tatagctcca acttaagggt cctttttaat tcctacagt tttatgggtg 120
 ttatcagtcg ttgagaatca ttagttagta cccattgtct ttacaagtg cagcttactt 180
 gtatcagctt cctacgcgaa ggacctatgc actggagcgc taggaggtc ttcagttggg 240
 ccccaaggat aaggctactg atttgatact aaatgaatca gcagtggatg tagggattag 300
 ctgattttaa aacaactcgg ctgggcacag tggctcacac ctg 343

<210> 1690
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 1690
 ggcacgagga gaggatggaa ccttccctct tcgctctcag ccggaggcca gctgcgtcca 60

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gccgggctcg gtcttctgaa caccgatttc aaatcaggtc cccggggccc agcgtcactt 120
agggaagtgg tggcattttg tggttgctgc taaatcacgg agagcagcct tggcgctgcc 180
gggtcccaact tgatccaagg agccttgaga aggagatgag attcagtagc aggggcggcg 240
cgtggctccc atccctcggga atctgcaaaa tggctacttc ttccagaaata atggggagag 300
gtagtggcaag agggccagaga tcaaggccct cgagtattaa cttgagcatt tgggcacaaa 360
atagacactt ttggtatttc ccgtcttttc caacccaag gatgag 406

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<210> 1691
<211> 363
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

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<400> 1691
cagaagttta attttttata atgatggatg aagacagtaa tatctacctt gagtggcttg 60
tcataagtat taaataataa aaactagcat taaaaatata tagcatacct agatataatgt 120
tatatgttat agttatatgt ttaaaaaatt gtgtttattt catgccttat ttattctttaa 180
gaaactttat agcctgatcg gtgctgattc tttttccaaa aagtcaagta aaattttatc 240
aggacaatgt tttctgtaac aaccattatt tcttgtcttt ctgccataag tggagaaaaa 300
agatgtgaag gatcttgagt ttctatactt tctaaatggg ctaagagtag agatgtcaga 360
agn 406

```

```

<210> 1692
<211> 408
<212> DNA
<213> Homo sapiens

```

```

<400> 1692
cgttctgtgc ggttcgctgg gaggtatgga tttcatttcc attactaatg cctgcaattg 60
ctgataatag acgtgcccca ggaatcgctg catgggaaat ggagcaaggg tctccttctg 120
tggcccagtc tgggaatgta gtgggtgcaat ctgcactcac tgcaacctcc gccctccgga 180
ttcaagagat tctcctgctc cagcctccca agtaactggg attacacgta cgcaccacca 240
tgcocggcaa atttttgat ttttagtaga gatagggttt caacatattg gccaggcttg 300
tctcaaaact gtgacctcaa gtcatctgcc cgctcagcc tcccaaaatt ctgggattat 360
aggcgtgaac catcacacgg gccatttcca atcactcttc atttctgt 408

```

```

<210> 1693
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

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<400> 1693
tagacaattc nnttttgtga aaatannacg gccctcgaat tgggcagcag ggcacttctg 60
ccgctgcgac tgtttctgca ccgataactt gtactgtggc cgtatgtgac tgcacgtgag 120
cttcagaggc gaggaccagc tgcgcgggga ctacggcccg atctgagcga gcgaggctg 180
tgtttagcgc aaggacttcc agcagctggt agcagagctt gaggcaggag tggagcgctg 240
gcacggcgtg gggcaggagt catcagctag gaaagccctc atcgcagatt cctaccaccc 300
ggcacggcct gaggctctac actcactgca ggatgcagct ctggcccccg agttcctggc 360

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cgtgactgag tacagcgtgt cccacagcgc agacctcaag ggccttctcc agcggctgga 420
 gacagtatcg gaggaagaag gcc 443

<210> 1694
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 1694
 ctatgttgga attatttgggt aaactatctg aggcctcatat aatttagtat ctttcattat 60
 aagattatct ttatatccat ttctataagt ttatatctta atttatgtta tattccagggt 120
 agatgctggt ttttttaaat gaatttgcct ttgtcattta aatattttaa tatatcggga 180
 aatagttgtg atcgggaccc ttatcttcat ttttacaacc tcatctttat cctacatggc 240
 ggaccagccc ttcttacaag gaagtgcggt ttttggcgtt taaagtacaa aagatctact 300
 gcgcaatcag cgcgggtcga atacgcctc actttctaca tttttcaata caacaactcc 360
 gtcggggtca ttgt 374

<210> 1695
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 1695
 cctgtctctg ctaaaaatc aaaaattagc tgggcatggt ggcatgcac tgtagtccca 60
 gctactcagg aggcctgaagc aggacaatca cttgaaccca ggagggtggag gttggagtga 120
 gcgagatcg cacaccacta tactccagcc tggcgacaga gcgagactcc gtctcaaaaa 180
 aaaaatcact ctgtcaccag caacaatata ctttctcttc aatgttcatt acaagctttg 240
 tgctgggcca caaaaacaag ctcagtaaat gagatagaat taaaatcacg cagaggggtat 300
 tctctgtccg cagtggaaat taggactcgg taagatatct ggagaaaatg ctggccaggc 360
 acggtggctc acgcctgtaa tcccagcag 389

<210> 1696
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1696
 tacggttgcg agatgacgac agacgggact gtgcacatgg acacaagtga tctcagtc 60
 ttactccaaa cccacatctt tgagagacag gccacgctgg agtgctgtgg ctogatcacg 120
 cactcactga gcttcaaaact ccgcctcggc ctccataaatt gctgggatta caggagcgtg 180
 ccagtgtgct tggccttaac ttgcattttt acataagact tctaaaaaaa aaggagaaaa 240
 tcttcacaaat cctgggatag acatggaatt cttaggacat ggaagtaaat agaatttcaa 300
 aattctgctt cctgaaagac actgttaaga aagtgaggag gcaaggcaca gactaagaaa 360
 atattcacat cacacacata ttatt 386

<210> 1697
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (359)
 <223> n = A,T,C or G

<400> 1697
 ccaccacgcg cgctaattat gtattttagt cacagaccta ggtctgtcaa gttgggcgaa 60

atagaacctt	cctttcctgt	ttccacctct	tgattctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtctac	180
tactcttctt	gcctctggca	cctccagctt	cctgacttcc	tctctgtctc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccttgccct	ttgaagccag	nggtgggtgt	gaccaggggc	300
aacaagccac	tgtgctctgt	gatgcgtggg	ctggcaaatc	tctctcccat	tcgcctttg	359

<210> 1698

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1698

cgttgctgtc	gaaagcgtta	gtgaaatatg	aagtgatgag	gaatctgaaa	atgaaattac	60
aagtgttggt	agagcttccg	gtgatgacga	tggaagtga	gatgatgaa	aggaggatga	120
agatgaagag	gaggatgaag	atgaggatag	tgaggatgat	gataaaagt	acagtggccc	180
tgatcttgca	aggggtaaa	gaaatataga	aactagtctt	gaagatgaa	atgataccgc	240
agatttgttt	ccagaagaat	ctggttttga	gcatgcttgg	agagaattag	ataaagatgc	300
tcctcgtgct	gatgagatta	cacgtcgatt	agcagtttgt	aacatggact	gggatagatt	360
aaaggcaaaa	gatttgctgg	ctctgttcaa	ttcatttaa			399

<210> 1699

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1699

cgttgctgtc	gctgcctccc	tctgggacta	agtgccctga	gagcctcctg	ggctcagtg	60
cccgccctgt	ccctggcctc	cacagccttc	gggagctccc	agacccagtg	ctgagtggag	120
aggtggtgga	gggcattgct	gctggcattg	aggcagccct	ctgggacctg	acacaaggca	180
ccaatggccg	agacaagacc	aagtatcgca	gcctgctgtt	caacctgcgg	gacccacgga	240
acctggactt	gtttctcaaa	gtggttcatt	gagatgtcac	ccccacagac	ctggtgcgga	300
tgagctcgat	gcagctggcc	ccccaggagc	tggcccgcgt	gcgggaccag	gaggagaaaa	360
ggggaccgca	gatgttcatt	gactgcag				388

<210> 1700

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1700

cccatcgatt	cgaattccgt	tgctgtcgga	aggcgtgggt	gcagcgcgtc	accggggcca	60
gcgtcacagt	tggaggagag	cagattatgt	ccattggaag	gggcatatgt	gtgtgtgtgg	120
gtatttcctt	tgaggatacg	cagaaggaa	tggaacacat	ggtcggaag	attctaaacc	180
tgctgtgatt	tgaggatgag	agtgggaagc	actggtcgaa	gagtgatgat	gacaaacagt	240
acgagattct	gtgtgtcagc	cagtttacc	tcagtggtgt	cctgaaggga	aacaagcctg	300
atttccacct	agcaatgccc	acggagcagg	cagagggctt	ctacaacagc	ttcctggagc	360
agctgcgtaa	aacatacagg	cggagcttta	tcaagatggt	caagtn		406

<210> 1701

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1701
 tatattaacc gactaaaaga ggaaaataac accatgggca ttctccctt ttgcctggaa 60
 ccattgtgac taaaatgtgt gcctattata agccaatgt gtctcactt ggcggtggtt 120
 caaggtaac aagatttgat cttatttaac ctctctcac atgtggtaga cagaattctt 180
 aggtgaccca catggctttt gttccctggt gttactcgca tgggtcatgtt atgttgacagg 240
 acaaatgata ttatgcagat gtaattaaaa tgaactacta atcagttgac cttaggagag 300
 attatctaga tggactaac gttatctcac gactactta aaaacag 347

<210> 1702
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1702
 cgacagaagg aggggttggt cccacctttg actgatgggg aaagtgaagt ttgaagcggg 60
 ttatgcaagg tccatagct caggattcaa acccaggctc tcttgcttta aagcccaact 120
 gggtttttta tactacacca aagcctcctg ttatctcgtt tgctcttgaa cccccacag 180
 agaagctgga aaaataaaaa aaacaaggac gacacacaag cagaagaatga tgacctgctg 240
 tttgtagtgt atcaaatgcc atcgatgctg cttatgtgac gtggtgtcca tgcaccatcc 300
 atttttattt ttcaggctct agttacg 327

<210> 1703
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1703
 attgcactga ttcattgtaa tggttccctt agtcatgcac catgcggcct ctgagaaaaa 60
 cacaatatg aactctatcc tagcctccca gagattttta acctctactt ctccaagaa 120
 tttttgttcc tggacttaga agtcagggca gaggcaagcc aggaaggcca gcaaaccaat 180
 ttaactctct cctctctctc gttgctttat atctctcttt gcccttttgc tctctgcccc 240
 aatcctcaca atagttaaca gctactttac ccaaatatca aactagccag agaagctact 300
 gaacatgatc atttaaaaaa aaaaaaaaaa 329

<210> 1704
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1704
 caacctgtag tatgggaaaa atatttgcaa accatacgta tgataaaggg ttaatatcca 60
 aaatatgtca ggaactcaca gagctcaatg acaaaaaaaaa aagggaaaacc 120
 ctttttttaa aagggacaaa ggttttgaaa aaattttttt ccaaaaaaaaa acaaaaaagg 180
 gttaaaggcg ttttggaagg ggtttccccc ttataattt ttaaaaaaat ccaaatataa 240
 aaaaaaacgg gggcccccct tctctcaatt aaaaggggtt tttgccctta aaaccccaa 300
 aaacaaccgg gggggggggt ttggaaaaag 330

<210> 1705
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1705
 ttatggcttg aagtttcatt tgcctttttt ttctctatta tctaccacaa atctttaata 60
 atttgggtgt aatctggata ttactttctt ttagaaaaata ttttatattt cttaaatctt 120
 ttttaacatg ataaataata aacataataa ggaataaaga ggaatgaatt tagttcctgg 180

ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagtatttag	tataatttaa	240
caaaactaaag	acactcaaat	gatgtttcaa	agggtgttga	aaaaaactga	taaatttacc	300
tagaaaaaaa	gttttgagat	aaagttaatg	gcgttggaaga	tgacctactg	g	351

<210> 1706

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1706

ttatggcttg	aagggtcatt	tgcttttttc	ttctctatta	tctaccacaa	atctttaata	60
atttggttgt	aactcggata	ttagctttct	ttagaaaaata	ttttatattc	cttaaatctt	120
ttttaacatg	ataaataata	aacataaata	ggaataaaga	ggaatgaatt	tagttcctgg	180
ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagtatttag	tataatttaa	240
caaaactaaag	acactcaaat	gatgtttcaa	agggtgttga	aaaaaactga	ttactttacc	300
tagaaaaaac	gatatgatag	aacaggagtg	gcggttgtca	tcacct		346

<210> 1707

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1707

aagctattag	gaatcagtta	aatgttttgg	gattttgtct	gagaatgggc	taaaggagaa	60
tgctcccttt	gcctcttgaa	gtttccctga	aaatcactaa	taggaggcag	ataaatagta	120
gaaaaggcat	aaaggtttct	gcaatgtgtg	tacactggag	cccttagaac	gaagaccacg	180
acacacgatg	cgctgcagaag	cttatctacc	acatgaagtt	tacagaaaga	atgggggtct	240
ggatcacagc	aaaaaaaaaa	aggttatgtg	agaaaaagc	cctggctagc	aacagc	296

<210> 1708

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1708

aaacagcaaa	tatataaaac	atacaatata	aacaacattg	atgatatatg	tatattatct	60
acatatcaac	cacaaaattg	aaaaagaaaa	tttcagtaca	caggaacaat	attgtttaca	120
aagtagtttt	caataaaact	taaaagaaatt	atatattaca	aaacacgttc	tttgataaca	180
attataaatt	atgaataaaa	atatagtaaa	atatattatta	gaaactaaaa	ctcctaataa	240
atccttgaat	caaagaggaa	atagaaattg	aaattacaaa	attttttagaa	tgaaattttt	300
atgtactata	taaaaaattg	gtgtaataaa	gccaatgtac	atccatagac	c	351

<210> 1709

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 1709

ggctgcatga	gctgtgtgca	ttcctaacc	ctgtgctgtt	caaggttcaa	ctgtactgga	60
ttttcttgaa	aattcagaag	tgctggaaac	cctgggcccg	gattttctatg	tgacagcaat	120
tttgggctg	agtggcttca	tttagatggg	gcatgtgctc	cccatattct	gctctcccct	180
taaacactgag	gttgatgata	gtgacctcaa	catcaatgag	gtagtgtctg	ttccatgtca	240

tagaattaag aggagggtga agnatttccc ctctctcactt tcagcataac tggaacaatg	300
gaacatcccc ttagggcacc atattttaag caagaaagga agaggggcacc ttt	353

<210> 1710
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 1710	
agggttttoca taaacctaga aatatgactg aagaaaaata ttccaaataa cgattagggt	60
tggcatttta gcttagtgag atcataagca tatttattta tacttagaca taaagccagc	120
aaataaagatg gggaaaggaa agaagggaata aaggaggaca gagaacaatg aaggatgagt	180
cagctagttt tttaaaaaga aaagaacaga atgacgaaga aaaaggagca gaaagaaaaga	240
caaccaaatg gggagaaagg gaacaaaagc tactagaaac tatgaatgta tcaactgcct	300
accatgaacc tataatttgg cttatatttg agacaaatcc aagaaagggt acan	354

<210> 1711
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1711	
gagcaggggt taggcctggt gatgcccttc tagtgaataa aatatggcca cagtgatggg	60
atgtcacttc tgaggctggg gcacatgaaa caccocactt cctcttctgt gatgtctctt	120
catgctctca cttactgtta gagaagccag ctgccccatg gagagacatt catggcgaag	180
aactggagct ggcctctggc caacagccca agaggatgga atcctgccaa cagccctgtg	240
agtgaagctg gaggtggatc attcccatgc cgacctttat gtgactgcag ctctgggtca	300
caccttgact gcagccttgg taggaaaccc tgatcct	337

<210> 1712
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1712	
agccagcacg ggcagaagct tgaagcccc caagtcaccc ctggggccagc agcagccacc	60
caggcgagga gggcaggtgc acagccaggg tcagcgggtc agcaactcac cctggcctgc	120
agcctaccca gcacggacca tgtgccagc agcagagcta gaggaacaag cagaaaaatg	180
gccggccccc aaccagaggt cagaggggaag ggcaggagcc gctgtgacc tcgggggaca	240
cggttggtgc acctcggggg acgcgggcac acgctgtggg gcttctgtgc aggcacccat	300
ggggcctggg gctgtctctg tgcaacagat actgtcgggc tgcccatggg	350

<210> 1713
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1713	
gaccacgcc gccgaggagt caggaagttc aagatggccg ccgcgagac ccagtcgcta	60
cgggagcagc cagagatgga agatgctaatt tctgaaaaga gtataaatga agaaaatgga	120
gaagtatcag aagaccagtc tcaaaaataag cacagtcgtc acaaaaaaaa gaagcataaa	180
cacagaagta aacataagaa acataaacat tcctcagaag aagacaagga taaaaaacat	240

aaacataagc ataaacataa gaaacacaaa agaaaagagg ttattgatgc ttctgataaa 300
gagggtatgt ctccagcaaa aagaa 325

<210> 1714
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 1714
cggttgcgtgc ggaaggccgt ggtgcagcgc gtcaccgggg ccagcgtcac agttggagga 60
gagcagatta gtgccatttg aaggggcata tgtgtgttgc tgggtatttc cctggaggat 120
acgcacaagg aactggaaca catgggccga aagattctaa acctgcgtgt atttgaggat 180
gagagtggga agcactggtc gaagagtgtg atggacaaac agtacyagat tctgtgtgtc 240
agccagttta cctccagtg tgtcctgaag ggaacaagc ctgatttcca cctagcaatg 300
cccacggagc aggcagaggg cttctacaac agcttcctgg agcagctcgc taaacatac 360
aggcgggagc ttatcanaga tggg 384

<210> 1715
<211> 123
<212> DNA
<213> Homo sapiens

<400> 1715
gtggatcaaa gatttaata taaaatgaca aaacttctag gagaaaaat acaagaaaat 60
cccgatggca ctggcagata tctcttagat gacagcaaaa gcacaattta ttaaagaaca 120
aat 123

<210> 1716
<211> 349
<212> DNA
<213> Homo sapiens

<400> 1716
cagtatcgat cccattaacc aaatctagcg aacattattg agcaatgact atgtaccagg 60
ctctgtgta ggtgctgcc catatctgat gactactact attactacta ttcatactac 120
cattacgaag aataacatct aacattttat taaatcctca ctggtagtga cagaaccag 180
cgaagtgtct ttacatacaa tgtaagttt cagcacaca aacctattaa catggcttat 240
gggtgaggcc tacctaatt gatctcgaaa cgaacacgat caacaaacaa agcatctaga 300
attgtccact gttgccttat tcaccatgag ggcattctag agctagaag 349

<210> 1717
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 1717
gatgcgtgtg agctgacgcc atttttttta ggactgggtc acactctggc acgcaacta 60

tgaggcggtg	tcactatcat	ggttcactgc	atcctcatta	taccatgagc	atgcagccct	120
cccccttatc	tgggcgccaca	ggcgcatact	accatgctca	gctaagtttc	taaaagctat	180
tgtgtaaaaa	caggatgtcc	ctatgttgcc	cagggtggtc	tcagactcct	gggttcaagt	240
gatcagcctc	ccaaagagat	gggattattg	ttgtgagcca	ctatgcccag	gtaattgcat	300
ctgctttaga	gagaagagga	caaacagata	gatacactan			340

<210> 1718
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1718						
tcactcctgc	ccctctcctc	caggcaatca	aactttgggt	tctgtcacta	tagattcgctc	60
tgcatcttgg	ggatatgtag	atatattctg	aaatactgta	tattctgaaa	atacactata	120
tgattctgaa	gtcatacagt	atatcttttt	tttggctcgg	catcttttac	toagcataat	180
tatttttagat	tcattccaggt	tgtaccttat	tgtatgtcca	ttcattttat	tgctgagtag	240
tagtccattg	tacagataca	ctacaatctg	ttcatccatt	catctgttgg	ttaacattta	300
ggttgggtga	tatatcttgg	ctatg				325

<210> 1719
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1719						
caaccacat	atcttattgc	atataaagta	tagataaaaag	caatttgaca	tcaaaaagtat	60
ccaacattgc	acaagtaact	ttgtttatcc	ctcaagcaaa	tcctgatgac	attgatcccta	120
caactactcc	tactcctact	cctactcctg	ataaaaagta	taattctgga	gttaaatattt	180
ctacgtcgtg	attgtctgtg	attgggtctg	ttgtaattgt	taactttatt	ttaagtaacca	240
ccatttgaa	cttaacgaag	aaaaaaatct	tcaagtaacac	ctagaagaga	gtttttaaaaa	300
accnaaaca	gtaagtaaa	gatatttttg	aactcttaaga	ttcattccat	gtggg	355

<210> 1720
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (331)
 <223> n = A,T,C or G

<400> 1720						
aatcccaact	actttggagg	ctgaggcata	agaatcgctt	gatcccggga	agtgagggtt	60
gcagtcatac	caacnataac	catttccctc	taaaacttac	atacttcata	gaccttccct	120
aaatctctca	ctacattctc	tttatttacc	ccaatactca	tatctcttga	ccgactgtaa	180
tctttatttc	cccttttttc	ctaattgcct	aacctactcc	ccttacctct	atctacacct	240
tgccccctca	aaacaaaaa	aaacctatt	tatgtgtgga	aattttattct	aatacttggg	300
acctgggttt	aaaccaaat	tggtcttctc	g			331

<210> 1721
 <211> 233
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(233)
 <223> n = A,T,C or G

<400> 1721
 tgaataacag aacttacttc atagggttgt tataagaatt gaatgaaaag tgcacagcat 60
 gacaaatagt aaacactcag taaatgttag ctattactat tactagtctg acttaaaactg 120
 ttatcatcac atttgatgtg ataaagaaca caagggttttc taaatagact cccatgggag 180
 ctggggagggg aggggtagtag atgagaatct gcttatttgc tgggaatttc tcn 233

<210> 1722
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 1722
 tgaataacag aacttacttc atagggttgt tataagaatt gaatgaaaag tgcacagcat 60
 gacaaatagt aaacactcag taaatgttag ctattactat tactagtctg acttaaaactg 120
 ttatcatcac atttgatgtg ataaagaaca caagggttttc taaatagact cccatgggag 180
 ctggggagggg aggggtgtgac atgg 204

<210> 1723
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1723
 gagatctcag ctctctgcag cctccacctc ccagggtgcaa gtgattctac tgcctcagcc 60
 ttggagctca ctaggattac aggcgcctcc caccacacct ggctaatttt tgtattttta 120
 gtgagagaaga gcagggatca tgatgggcta gatattgttg acttacgagc ctgctgtcta 180
 aggcctttctt aatgctacca ttacaggggg gagccactgt atatggacgg ttgattgagg 240
 agtaaaataa cgtatgctg ataagaataa gatatacaac ggagataaca cctacttgat 300
 ccgttcttgc ccacctctaa ggagctatat tgaaccac 338

<210> 1724
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1724
 cggggagcgtg tggggactta cgactgttag accgccccga aaaaagggtt ttacttgcga 60
 attatgagat gctattactt aaaccgctccc caccatcacc tgcaataaat gtctttacta 120
 caactacagc attcattcta tcgttcaggc tcacatctat agatgcgcaa tgctctgaag 180
 gctgaggcag gagaattgct tgagcccaagg aggcagaggt tgcagtgtgc cgagatcatt 240
 ccattgcgct ccagtctggc gacagaacaa gactctgtct cttaaaaaa aaaagaaagc 300
 aaaagtggg gggcttattt tataag 326

<210> 1725
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1725
 gttctgtcat cagtaacttat taagggtgtc tgatgtagta agcaagatag tttttacagt 60
 cctaggctta ttacaagttt agtaacccca gtggactgag aaaatcttcc tcaatagctc 120
 tggcaaaaaa ttctctctggg aaaatatgac tgatgggagt ttggatcatt tgccattctc 180
 tgaaccaaat attgtatagt tagccctctg tatataaggg ttccgcattc gtgtattcca 240
 ccaatcgcgg ttgaacaaaa ttttggaaaa cgctgggcgt ggtggagcat ccccccttc 300

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<210> 1726
<211> 303
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 1726
ttgcattttt cctgttaact aataatgctg agcatctttg catgtggcta ttggctattt      60
gtatatattc ttgtgtaaaa gtctgtttaa ttcatttgct tctctcactt tataaaattg      120
ggctatttat cttctaatta ttgaatcata agatttcttt atatatgatg cctcataaaa      180
gtattctgtc acatatatat atcgttattt ttctcttagt ttgtgacctg cctttttata      240
ttattaatag tatcctttgg ggagcaaaaa ttttaaaatt tgatagtcta atttatcatt      300
ttt                                                                                   303

<210> 1727
<211> 338
<212> DNA
<213> Homo sapiens

<400> 1727
atatagaatt tcaatacatt tactcaaaat gtggagtaag atagagtcca agatottaga      60
ttctagaaac tatatagcag gaatatgacc ataggctact tctaacacgc tgtgtgattt      120
gggtataata acctaatctc ttttaagcctc atttctcctt ctgaaaaact gaagaaataa      180
cacctactcg tctgagttct taaaaggatt aaatagcgtc gtgtgtcatt ttggtattcca      240
ccagcagcac agtcagggac aagtatccta acacaagaaa ttgtgcatgg tggtaattcc      300
aggaaagtct ggtggagaca ggggaagtga gactgaga                                     338

<210> 1728
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1728
cacaaaaaac aaattgtgaa ttaaaacaaa ttatataagt aaatgcatat ttagcataag      60
aaaagaaatc cctccaaaat accaaaattt atctaataca tactacaata cataaaaaata      120
atttttttta ttattataact tcatagcata cctttctaat accacatttt ctttcttttt      180
tttttttttt tgggaacaaa gttttctaaa ttttttgccc aagggtcgcaa aacagggggg      240
ggattttaagt taattgaaac ctttcttttc agggtaaaaag gaattttctg gcttaagcct      300
ccaaaaaagt taaaataaag ggggggcaca acattgcocg gttatatttg tgt                    353

<210> 1729
<211> 409
<212> DNA
<213> Homo sapiens

<400> 1729
cgttgctgct gotgaggttt ccttaatggt ctttttgaat ctttgagata caggatctat      60
tacttgctgc tgagagaatt ttgatcatga gtctgttgga gatctttttc atattactct      120
ctgaatgtat tgggataaagg tgtaagggoc ctgtcttcta ctttaatctg ataatatggg      180
gaatgtgttt aatagatggt ccaatgttcc ctatgcctta catcctaggt ataataccaa      240
ctgtgccatt ttgttaacct tacaaactgtt agttaaaccc ctgtctgaca attaatatca      300
cttatgtggt catttttgct ttttaaaaca ctttatttat ttatgagac agggccttgc      360

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tctgtcagct aggctgggagc gaagtgggac ttctctcccc ttaactgga 409

<210> 1730
<211> 292
<212> DNA
<213> Homo sapiens

<400> 1730
atttattata ttttaacttg tgaagggggt taaagtgata ttgtcaaatt tcatattatt 60
ccatttttaa attttattaa taaactttga tatgacttca catttttata atacatttaa 120
caaacagggt gaaaaaagag atagtatctt gatagtgttt tattattttt cttaaatcat 180
atagactata ttttcaaact ttgtatttta atatttacta ttaataaat gctatagttt 240
tcaaacatct tottccattc tatttttttt aaactaacat ttcttatttg cc 292

<210> 1731
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (339)
<223> n = A,T,C or G

<400> 1731
gatggagaaa tagagctcac ctcttctggg tagagtgtg gcaaagtcac attgtanaaa 60
agcctgggag gtggaaaatt tttttcatga ttgtctttgt aaagtacaat ctactaccta 120
cactttaacc caccaattca tcttttagaa atttatcctg taagtggact tacaagtgtg 180
aacaaaaata aatgaaccaag ggtatttgtt actaaaatag taatagcaaa agactggatt 240
aatctaaatg tccaataata ggggtattta acccaattta ttgtgtccca tgcaatgcatt 300
agctatgtgc ctggcttttt tttttttttt ttggaaagg 339

<210> 1732
<211> 341
<212> DNA
<213> Homo sapiens

<400> 1732
agaggaagaa gagaaagtgg ccacagggac agggcagcaa gggcgaagcc tgcaggggga 60
gagatggatg ggtgagggtc gtgagaaact cggggatacc catgccaggt gggaccaaagg 120
gatggggctg gagtgcagcc acatgtttcca cctcccccaa gtgccaggct gcattggact 180
ttgtcctgtg ccgctgcaga gccatgggag gtttttgagc aggggctcgg aggcctcagc 240
tcatgttttc catctggttc caggctgatg gggaggccacc atcacagccc aggtcaggaa 300
ggtgagacac tcataccaaa cacttagaaa acaggggccag a 341

<210> 1733
<211> 311
<212> DNA
<213> Homo sapiens

<400> 1733
atctcagaag aaaaatgcaac ccacatattt attgccatta aaagtataga taaaagcaat 60
ttgacatcaa aagtatccaa cattgcacaa gtaactttgt ttatccctca agcaaatcct 120
gatgacattg atcctacacc tactcctact cctactccta ctctgtataa aagtcataat 180
tctggagttt atattttctac gctggtattg tctgtgattg ggtctgttgt aattgctaac 240
tttattttta gtaccacatc ttgaacctta acgaagaaaa aaattctcaa gtgacctag 300
aagagagttt t 311


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<210> 1734
<211> 343
<212> DNA
<213> Homo sapiens

<400> 1734
acaaagaaaa tgaaaagcaa aattgccctg taaacaatta cattaaatgc aaatgtctta      60
aaatacagct atgggcataa caaattatta aacataacca agtatatgct gtctacagta      120
aactcacttc aatataaagc agtttgaagc taaagggatg gaaaaagata cattatgcag      180
attattaattg aaaggaggaa tggctatggt aacattagat aaagtatatt tcaaaagcaaa      240
gaaaaatattt tataatgata aaagaatcag gccgagtgcg gtggctcatg cctgtaatcc      300
cagcacttat ggaggccgag gcagggtgat aacctgagat cag                                343

<210> 1735
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (346)
<223> n = A,T,C or G

<400> 1735
agaggatgaa gagaaagtgg tcacagggac agggcagcaa gggtcaagcc tgcagggggga      60
gagatggatg ggtgagggtc gttagaaact aggggataacc catgccagct gggaccaagg      120
gatggggctg gagtgcaccc acatgtttcca actcccccaa gtgccaggct gcattggact      180
ttgtcctgga gccgtgcaga gccatggggg gattttgagc aggggctcgg aggcctcagc      240
tcatggtttc catctggttc caggctgatg gggaggcacc atcacagccc aggtcaggaa      300
ggtgagacac tcatacaaaa cacttagaan acaggggccag aggcgcg                                346

<210> 1736
<211> 390
<212> DNA
<213> Homo sapiens

<400> 1736
tcctccaggt tatccatcca tccatctctc cctccctcct tccctccctc catctctccc      60
ttcatccatc catagctctc tccatccacc catccatcta tccctttatc caatcatcca      120
gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca      180
tctatccctc attcaccctc cctccatgca atcaaccatc tatccattcc cattttatcta      240
acaaatcatc catccaccac cacaccacc atccaccat tcattccacca atccatccac      300
ccatgcacca tcaactaaca gagcgccaag cactgtgcca catggggata cagatcttgc      360
taaatgttta agcttcatga aggcacggc                                390

<210> 1737
<211> 420
<212> DNA
<213> Homo sapiens

<400> 1737
cgttgctgtc gggggaatat gtcctgttcc tgtttcaaga gctaccagga gccatgagcc      60
agctgcctca cttcatccgg ccagctgtcc ccaagagaga tgtggagcgt tattcacaca      120
aatatcagat gccagggtcc attgacaatg ccacgatttg gaacctgat tggcggcgctc      180
taccocggta gctaaagatc cgagtgcgga agctacagaa ggaacggatt acaattctgc      240
tccccaaagag gcccccctaa accacagaag ataaggaggga aacaatacag aaactagaga      300

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ccctggagaa gaaggaagaa gaagtaactt cagaggagga tgaggagaaa gaagaagaac 360
aacacaaacga agaggaggaa gaagaagagt ttgatgaaga agaacctgaa gaggaactg 420
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<210> 1738
<211> 397
<212> DNA
<213> Homo sapiens
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<400> 1738
ggcacgagga ggacgaggac gtcaaggata actgggatga cgaatgatgat gaaaaaaaaa 60
gaggaagcag aagtaaaacc agaggtaaaa atttcagaac agaaaaaaat agccgagaag 120
ataaaagaga aagaacggca acagaagaaa aggaagaag aaatataaaa gaggttagaa 180
gaacccgaag aacctaaagt gctaaccacca gaagaacaat tagcagataa actgcgcta 240
aagaaattac aggaagagtc agacctcgaa ttagcaaaag aaacttttgg tgttaataat 300
gcagtttatg gaatagatgc tatgaaccca tcttcaagag atgactttac agagtttgga 360
aagttactaa aagataaaat tacacaatat gaaaagg 397
```

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<210> 1739
<211> 429
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G
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```
<400> 1739
ggcacgagcc atcttcaaga gatgacttta cagagtttgg aaagctacta aaagataaaa 60
ttacacaata tgaaaagtca ctatattatg ccagtttttt ggaagtotta gttcgagatg 120
tgtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg actgtgcttt 180
gcagtgaaaa acagaagcaa gaaaagcaca gcaaaagcaca aaagaagaag aaaggtgtgg 240
ttcctggagg gggattaaaa gccaccatga aagatgatct ggcagatatt ggggggatg 300
atggaggata tgtacaagac tatgaagact tcattgtaca ttttatcttt tcttgngtgc 360
atctttatgg tgcccacaat cccttgaaca tgtagacaca ctctcttttc tttcagttct 420
gcacaatgn 429
```

```
<210> 1740
<211> 372
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G
```

```
<400> 1740
tatacgacag aaggggtaat cccaaaaact tgggaggctg agataggagt atcaacttgag 60
cacagttcca gaccactctg gacaacagag caagaccccc agaaaaatga aataaaaaaa 120
tggaagaatgc agaatacatg ttgaatttaa aagactacgt tttggagggt tagctgatcc 180
caagctgtta tgagcaaccc cctaaggact gcagatggcc tggatccagg tcttgagttc 240
gagcagcaga cagtctagag ctatagccac acagagggtc ggggatttgc cagcagggtc 300
tagacacgac cctgccacag taggtcgtct ccctctgttg gcaaaaacag acatgacatt 360
gttgccagag tn 372
```

```
<210> 1741
```

<211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1741									
aattagaata	attgggaaat	gattggaaaa	tagaaatctt	aagctagaaa	acatgtaact				60
aataaaagta	gtttcattaa	aacaaaataa	ataaaagaat	aactaggaat	atcctaatac				120
agtaagtaat	ggagagatata	caaaataatt	agtaaaagga	gggatatatc	caagatagta				180
aaaactttta	atatatttgaa	aaattttatg	ctacatatatt	gatattttta	agaaaacata				240
atttaccaaa	actgacccca	gaataaatat	aaagtttcat	tctgttaaca	caataaagaa				300
aatgtacaaa	agggtatctt	tcagaaatgt	accaagtcca	g					341

<210> 1742
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (394)
 <223> n = A,T,C or G

<400> 1742									
cctgaatgga	gtgaacaaga	gggccatgca	gatattcttg	aggaaaagca	ttccccggga				60
aggaaaacgc	aagtgc aaag	gccacaagg	gggattgagt	gtgggtgtgt	tgaagactga				120
actgtcacc	gtgcaggagc	agagtgggca	aggcagagca	ggggagtgat	ccaggcaaa				180
gtacatttca	ggaaaaattg	acagtaagga	gttcggattt	tatgctacat	gtgttgga				240
aaccaatgaa	gggttttcag	ctaggttaaca	tgatccgatt	tactcccttt	aaagattggc				300
cgggcacagt	ggcacatacc	tgtaatccca	gcactttggg	aggccaaggc	aagaggattg				360
tttgagctca	ggagttcaag	atcagcctga	ccan						394

<210> 1743
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 1743									
cctgaatgga	gtgaacaaga	gggccatgca	catattcttg	aggaaaagca	ttccccggga				60
aggaaaacgc	aagtgc aaag	gccacaagg	gggattgagt	gtgggtgtgt	tgaagactga				120
actgtcacc	gtgcaggagc	agagtgggca	aggcagagca	ggggagtgat	ccaggcaaa				180
gtacatttca	ggaaaaattg	acagtaagga	gttcggattt	tatgctacat	gtgttgga				240
aaccaatgaa	gggttttcag	ctaggttaaca	tgatccgatt	tactcccttt	atagattggc				300
cgggcacagt	ggcacatacc	tgtaatccca	gcactttggg	aggccaaggc	aagaggattg				360
tttgagctca	cgagttcaag	atcaa							385

<210> 1744
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 1744									
ggcacgagat	tgcatatagt	cctgatggga	aatacctagc	cagtggaagc	atagatggaa				60
tcatcaatat	ttttgatatt	gcaactggaa	aacttttgca	taccctggaa	ggccatgcca				120
tgccattctg	ctccctgacc	ttttccccgg	actcccagct	ccttgtcact	gcttcagatg				180
atggctacat	caagatctat	gatgtacaac	atgccaattt	ggctggcagc	ctgagcggcc				240
atgcctctg	gggtctgaac	gttgcattct	gtcctgatga	cactcaactt	gtttccagtt				300
cgctcgacaa	aagtgtaaaa	gtttgggatg	ttggaacgag	gacttgtgtt	cacacctttc				360

ttgatcacca ggatcaggtc tggggaggaa aatacaatgg aaatggttca aaaatttggg 420

<210> 1745

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1745

acgctgatgc	cgcattctgta	tacacccgtg	gaactagcat	caagattaag	ataatgaaca	60
tggtcatcac	cctcaaaagt	tcccgatgc	ccctttgaaa	tcacccttcc	catcctttcc	120
ccacctctct	gccgggcaac	cactgatctg	ctttccgtca	ctatagatga	attagcttag	180
attttctaga	gtgatgctta	tgtggaattg	tacagcatat	attctcatat	tatctcgctt	240
ctttcactca	gcataactct	gtcaacatta	ttccatttgt	gccatgtagc	atcacttgat	300
cgatttgttg	agtaggattc	cattttatgg	ctagatcaca	atttgtttct	ccatttgtct	360
attgatgggc	atctgggtca	tttttact				389

<210> 1746

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1746

tgggtgaata	acagaaactta	cttcataggg	ttggtataag	aattgaatga	aaagtgcaca	60
gcattgacaaa	tagtanacac	tcagtaaatg	gtagctatta	ctattactag	cttgacttaa	120
actggtatca	tcacatttga	tgtgataaag	aaacacaggg	ttttcaaaa	agaatg	176

<210> 1747

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1747

gagctctact	ctgttgccca	ggctggagtg	caatgggttg	atctctgctc	actgcaacct	60
ccgcagcctg	ggttcacgcc	attctcctgc	ctcagcctac	caagtagttg	ggagaatagg	120
cgacttccac	cactctcgca	tttgtgatag	gactttttaa	aggactcgga	gtccaaatca	180
taaaacacag	atggccggaa	tctccagacc	tgatgatctt	gctgccttta	tattttaaagt	240
gcaggagcta	taocccgaat	aatgggtggc	cccttgaag	acgcaacctc	gtcctttgct	300
tatgaattgg	gtgtgtgacc	gattctcctg	atatccctat	aggcaattgt	cggaaatag	359

<210> 1748

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1748

cagggtgaat	ctgccttagg	ttccctgcct	tcagacagta	ttctcctgcy	gcaacacttt	60
gctgacaact	attcttgaaa	atacggggat	ttgtattttc	atgggtggtt	tcattggggc	120
gagaacttag	aagataatga	ctgcttcctt	catctgggga	tgggatttaa	atgtaattga	180
gcactcactg	ttttcttgag	aaggtgggag	atactagctt	ccttataaag	ataaaggggg	240
gcgagaggca	ggaattttag	aactcaaatc	tatgtgggaa	ccggcgagca	tgaattcttt	300
tttctttccc	aatcccaatc	ttttattg				328

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<210> 1749
<211> 347
<212> DNA
<213> Homo sapiens

<400> 1749
tatatgaacc gactaaaaga ggaaaataac accatgggca ttctctcctt ttgcctggaa      60
ccatgttgac taaaatgtgt gcctattata agccaattgt gtccctcactt ggcgtgggtt      120
caaggtaacaa aagatttgat cttattttaa ctctctcact atgtgttgtaga cagaattcct      180
aggtagccca catggctttt gttccctggg gttactcgca tgggtcatgtt atgttgcagg      240
acaaatgata ttatgcagat gtaattaaaa tgacttacta atcaggtgac cttaagagag      300
attatctaga tggatctaac gttatctcac gagtacttta aaaacag      347

<210> 1750
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (297)
<223> n = A,T,C or G

<400> 1750
tgcatcacatg ttttaaaaca tcatactgta tcccataagt ttgtacaatt actatatgtc      60
aattaaagat aaaatacaac tttaaaaaat tgtccaaaat gaacatatac gaaaatactt      120
taagaaaaag caaaagagca tcaatgagtc agtgagttat ggaacaactt caagacacct      180
aatatcacag taatttaagt ccctgaagaa aagggggtgta taaaaatatt tgaaaaaata      240
atggatgaaa ttttaaatat ttggtaaaaa ccataaaact gtagatctaa gaagctn      297

<210> 1751
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1751
aaatctttac cttagctttt tttctaagcc ttatccagaa tctaggcttt ttctagtctg      60
ctctccaaa tttttctacc tggctgcccc ttataccagc ttccaaagct gcttccacat      120
gttcaggtag ttctcgtttt cagtaacacc ctactctctg gtaccaattt tccagaattc      180
catgaactct accaccagtt aacccaatgg taactggaac atattccagc taagaaattc      240
agcagtttat taaaaattaa tggatctagg ccaggcatgg tggctcacac ctgtaatccc      300
aacacattgg gaggctgaga tgaggggga      328

<210> 1752
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1752
gaatgcaaaa agagaaagcg cgaccatgcg gtggaaggtg cggaggaagg ggaggggagt      60
actcatcatt gtggaggggc ccaaaagcac ggaatgggac ggcattgcaca taatgaatcc      120
ttctccctgg cgaatctaag gctgttacgt ctccatgtca ggaagccat ttaagaaaca      180
aggatgatgc ggtagcggag gatcactctt tttattcctg cacttttgga tgcctttgtt      240
ctcacatgga cttatgcat gtattactta cctttctggc caccctcggt tcaagaccct      300
attaatttta cttctccatc ccttttcttt ggagctctcc ccccgctgag      350

<210> 1753

```

<211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1753
 tcatcatcttt ttaatatataat gtttaattaat ttgcataatt atcatgacaa gtacaagtga 60
 ctttcacagg taaagaagca gacacaaactg attttgactc tggtaagcaa caccactcaa 120
 ggagagggtt ggaagcagaa gtgcctgagt ctctatgga gtacgctgtc agtgactggg 180
 cagccctctgg gcagtcocatg tgttatgggg gaaggaagag cattaatgaa tccaatagtt 240
 tggtaatttc taactgaaca gtattctttt aaaatttaca tgtcccttat ttttaagaata 300
 atatgtttat tatatatatc tgaataaat atgtttca 338

<210> 1754
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1754
 ggccagaggc tgggggtgct ttatcctttc tgccaagtgc cgtgacact ctgaaaaatc 60
 tcacaggagca agtgatggct gtaactgcac aagtgaatc actgacacaa aaagttcaag 120
 ctgggggccta tctacagaa aaggggctca gcttcttgga agagaaagac cagctgctgc 180
 tcatgtacct tatggatttg acccacctca ttctggacaa agcctcagga ggaatctcttc 240
 agggacatga tgcagttttg agactgggag agattcgaa ggttttgga aaagcttctgc 300
 ccttgagacca aaagctgaag tatcaaatg acaagctgat caagactgca gtgacaggca 360
 gcctatgta gaattgaccca cttctgttta aagcccg 397

<210> 1755
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1755
 ttgtggctat agagttactt tgtatgattt tgatcattta aatttatcga tacttatatt 60
 atgacacagt gtttggctta tcttgaaaaa catccatat ttgcttgaga aaaaaatceta 120
 tatattctctg ttttgggtgga tggagtgggt attcaaaata caactctgtg ctaactttct 180
 gtttagtttt tctaccaatt attgagataa tgcattgaag tctccaaata ttattgttga 240
 tttgtgttc tcttttcaat tttagctctcg tttgtatttg gggaaatctat tactatgtga 300
 tatgatctat atatgt 316

<210> 1756
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 1756
 tggtagcgt tggaaaggac aagagaaggg atctgttgcg ggaagacgac cgagagctac 60
 tggtagctaca agacgaaca ccgtctctgc tgagagtaca cgaattatag gtgcttgtgg 120
 gcacgcacca gtgatcgcta ctgggtcgga agggag 156

<210> 1757
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1757
 gcctcagccc ccaagtagct gggatgacag gtgcatgcca ccacgctggc taatttttat 60
 attttttgtg gagacagggt tttgccatgt tgcccagct ggtggtgaac tctgtgattc 120

aacctttctg	cctgccttgg	gctcccaaa	tgctgggatt	acagatgtga	gccattgcgc	180
ctggccaagg	cttgatatta	ttaagtcaat	gcttctcata	ttggccta	ttatagatca	240
atgcaattat	aatcagaaac	ctagcaggtc	tgtggggggg	cgtaaattga	catggtggga	300
ctaaaaggta	tgtgaaaatg	caaaag				325

<210> 1758

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1758

cggttgcgtc	gctttgattg	tcattctcct	gggaagccca	gtctcagtc	ctcccccaac	60
actgtccaca	ctgccccctc	ccactgttta	tttattgcac	ggatcctaag	tattctcccc	120
agccagagcc	cgagctcctg	ctccctggga	aaagtggcgt	atggccctga	gctgggcttt	180
atattttata	tctgcaaata	aatcacattt	tatcttatat	ttagggaagc	cgggagagca	240
acaacaaaaa	atgtttaagc	ggggcgcggt	ggctcacatc	tgtaatcccc	gcactttggg	300
atgtccaagg	gggggatcgc	ttgagtcag	gagtttgaga	ccagcctgga	caacatgggt	360
aaaccccatc	tctacaaa					379

<210> 1759

<211> 112

<212> DNA

<213> Homo sapiens

<400> 1759

tacgggtcga	gaagaacaat	aaacgggtcg	gcttgcttaa	tacgactgaa	cggttcggct	60
tcgacatgaa	cccccaagg	gctggttgtc	tgaataagct	tgaacggtac	gg	112

<210> 1760

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1760

cggttgcgtc	gctgtcacag	acacataact	ggaaatgtga	ttttattctc	ctggatggac	60
aattgtgatg	gattttttgg	gttcggggct	tcaggctttg	caatctcacc	ttctttgccc	120
ttcctctctg	cataatggaa	gaggtgctgc	taatttgggt	tccatccttt	cctgcttttc	180
gagactgtgc	tgtgatttcc	taaaacattt	ccattagtgt	gtttgaattt	tctgattttc	240
ttcccttagg	gcctccacca	ggcctctgtg	ctagtgcctt	gaatgatggc	aagtgtacaa	300
aaaaaatttt	ttttcttttt	aagaagtttt	tgttctgtca	cccaagggtg	gtgcaattgg	360
gngatctnng	gtcactgcan					380

<210> 1761

<211> 160

<212> DNA

<213> Homo sapiens

<400> 1761

gaacctctcg	ctccagcctc	tgccctcctc	attttgatgt	ctagaatcag	gggatccagg	60
atcatcacca	aggtcatctt	ccagacagag	tgtgctgagg	ctgtagaaag	tgctttttat	120
ttggttggga	gctctgtcat	aaatgcgaga	ggggctgcac			160

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<210> 1762
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 1762
ttattgggta tatgcaatgt gtgtgtccat gtgtacctct cccacagtc ctcacaaatgtg 60
gagggtagaa ctccaataa actttctctc cactgtgctt acatagccca ctgcacatgt 120
cttctacatt gtattatagt tatttgttca cagatttttt ttttaccact aaactatgat 180
cttgcacaag gtggagacgt ctttatcttt ataatacaag tgcctaggac atttccctgac 240
acatggtagg agttaaatat cttgggttaa ttaatatata aataaaacag ggagcattgt 300
ttaagaatat gaattattgg ctgggtgcgg nggctcatgc ctg 343

<210> 1763
<211> 246
<212> DNA
<213> Homo sapiens

<400> 1763
ttcctgtgac attggacaac tgaagggtc ttatgcagga agacatatgc ttagcacatg 60
tgccagaaag actactacca ggtctttatg ctagaatcat gaaaatgtat attctcgcag 120
aaagtctcag caagtgtcta ttgcaactat acttataaatt gtcacagatg gaagcaacca 180
aatgtccgac aattcgtaaa tagataaacc agctgcactg tcattgtgtgg ctacgcgatg 240
cacttt 246

<210> 1764
<211> 369
<212> DNA
<213> Homo sapiens

<400> 1764
catacctaata agctcaacag tgtatagcca attactaaca atgtcatctt ttgaagctaa 60
tgaggattcc tgacaaacca ctttatactt tcatcatcac tccctctccc aattcatcat 120
tttttttttt agcagctcca gtctctcctt tgttctccag agcaactccc aaggtaactt 180
agaagatttt tctgggtgct agtcttaaac tttaggcaca ataaaccctc tacctatagt 240
aattttggtc caatttcttt ctttaggcac acaactcctaa aaatcacaaa tgaagctgaa 300
tgggcattca ctttctgctt tcatcttctt ggggataaga actataaaat ccttggccgg 360
gcgcggttg 369

<210> 1765
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 1765
catatttttc taagtgtgct aaaatttaaat tacttaaaat tacttaaaat tctaaattac 60
ttaaataatt aattcatgtc aatgtgatca aacagatcaa tttctttcat tgtcctgggt 120

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caattatgtt	aacattat	tcccaggaag	ataatgttcc	taggaacata	tagatttaaa	180
aaaccagcaa	ataggaaaaa	atgtagggtg	tagacttctt	ttccaggtag	tccttgaaaa	240
atgaacagaa	ttcagttatt	aaaatatcta	tggttctaac	tttgtcactg	tgtaacctta	300
ataaaattac	ttagcatctc	tgagtcttta	ctttctaacc	tattaan		347

<210> 1766

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1766

ccagcctggg	tgacacagtg	agactccatc	tcaaaaaaat	aaaaaacaaa	aaaaccagag	60
aataccaaga	aagtgcata	ctatatatac	atacatatgt	gtatatattt	gcataaaata	120
atccagaaga	tgccctaaga	acttatattg	gaatgtggga	gggcatggtg	catttagatg	180
aatagggagg	aacagttaga	gagagttcac	actttgtatg	ttttcatatg	gttaggtttg	240
aaaccatgtg	aatgatattac	ttaactcagaa	attaaaattag	gccaggcgcg	gtggctcagc	300
cctgtaattcc	cagcaact					317

<210> 1767

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1767

cggtgctgtc	gataaggggc	aggtcttggc	cctagaggat	tgagatgttt	ttctaatact	60
tagaactatt	tttggataaa	ttatatattt	tccttcttag	tagaagtgtt	actgcctgtg	120
actagctcaa	aataccaatg	cagttttctg	attctgggtt	ttggttttcc	tttttttttt	180
tttttttggg	gtttggcttt	ggccccccag	gtgggggggg	agggggggga	tttaatttaa	240
tgggaaaaatt	tgggcctcgg	ggtaaaaaaga	attccccgcg	ctaaccoccc	ggagaaccgg	300
gaataaacggg	gccccccccc	ccccctaagt	aaatttttgt	tttttaaaaa	aaaagggggg	360
ttaaacattgt	ggccccgggg	gttttt				386

<210> 1768

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1768

aatagttttg	tttaattctaa	ctgaacagta	ttctttttaa	atttacatgt	cccttatttt	60
aagaataata	tggtttattat	atatactctg	aaataaatatg	tttcaataaa	ttgaaaaata	120
aacacataca	tacacacata	cacacacaca	cacacacaca	cacaatgcac	cacctggaaa	180
atcactataa	atattcaatc	attctatttc	cataatgtct	tcttatgcaa	ggaccactta	240
caacacaata	atttttaaac	acagtccatg	gtttttagcta	atactgcata	tatcacataa	300
aaataggaca	atatgcctct	ataatgagtt	attcttggtg	taactca		347

<210> 1769

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1769

agtaacattat	gaccactggg	tttatttctg	aaatgcaagg	ctgatgtttg	aaattctcca	60
tattaagtaa	gtaaaaaggg	ggaggcacag	atatcaatcc	tcocccaaatt	gatacttaga	120
gtcaaaagtaa	tcoccaaccac	attcccaaca	gtgtttgaa	aaatatagggt	ggattctcta	180
ttattttttct	gtattgagct	ctaaatagat	acagaaaaaa	aattgataaa	attcaatact	240
tatttggtaa	ttaaaaataa	tcatgacaca	ccccgaacag	aaaggaaacct	ttttaatttg	300
aaaaagctta	tttacaataa	ctctatctaac	cattgaaaat	ttctttttct	ttct	354

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<210> 1770
<211> 381
<212> DNA
<213> Homo sapiens

<400> 1770
tctacagctg agagaagaca ctgaaggat gggaaacgct ggcacctctt acagaggagg 60
aaagttcatg gacttctagc ttctagaact gtgatacaat aaactcctgc tgcttatcta 120
ctctctcgca gtattttgtc atggcagccc tagcaaaacta ctatagtgac tgtgggggtt 180
aggatgacac caagcatcaa atgccactcc ctgttccaac agtgagacca ttccacagcc 240
cctgaatgac aagacagccc ttcaaaactca agactactctg gctaaggtag aagtacttta 300
gtcacaccac ttctgaactt tcttgccctac ctgcaggcca agaattttta ccatttttaa 360
atgtggacac tgaagctcac a                                     381

<210> 1771
<211> 403
<212> DNA
<213> Homo sapiens

<400> 1771
ggcacagagg ccttgaagaa aagttctgta tggattcctt tcatgcggtg aaggaaacac 60
aacaatatcc aacttcacct tggcgtgtga gggcgtgcgc gttttataac actatccctg 120
tagaaagatt agtgaatatg attggaagaa gtaatggaaa cgtgaatctt cctgggctcg 180
cgagtggatc ttatttggag tcttcacott cttaaatctg atgtttgttt gaaatcacagg 240
ctgaatttcc atatatagga cagaaagaaa gaaccoccat tttttaaaga aagctccccc 300
cccccccgcc cgcttttttc ctgaaccacc ttggtctccc gttataaggc ggccacaata 360
aaaggcaaca attttctttt agtcttttga cgccattata ttt                                     403

<210> 1772
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 1772
ctctgtctctg ctaaaaaatc aaaaattagc tgggcattgt ggcctgcac ttagtcccc 60
gctactcagg aggctgaggg aggacaatca cttgaaccca ggaggtggag gttggagtga 120
gcggagattg cacaccacta tactccagcc tggcgacaga gcgagactcc gtctcaaaaa 180
aaaaatcact ctgtcaacag caacaataca ctttcttctc aatgttcatt acaagctttg 240
tgctggggcca caaaacaagt ctacgtaaat gagatagaat taaaatcacg canagtgtat 300
tctctgtccg cagtggaaat taggactcgg n                                     331

<210> 1773
<211> 373
<212> DNA
<213> Homo sapiens

<400> 1773
agtctgggtg acagtgagac ctcttcacaa aaaaaaaaaa gggggggggg cggagcccat 60
gggctcaccc ctggaaacccc aaccttttgg gagggccggg gctggcgatt caaagggagc 120
gaaaaacaaa ccctctgtgt taaccgggga aaacctgtgt ttttcttaaa atgcacaaaa 180
aaaaatttac ccggggcggg gggaaagccc ctgttaccac aatttctttg aagggtgggg 240

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ccagaaaaatg	ggggaaaccc	cggaggggga	atttggttga	aactaaaaat	gccccactgg	300
actccaccct	ggggaaaaaa	aacaagaaaa	atttctaaaa	aaaaaatatc	cctttgaacc	360
cctctctttt	tga					373

<210> 1774
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1774						
tctcccaaaag	tgtctgggatt	ataggtgtga	gtcactgttc	ccagccgaga	cactgtctcoa	60
taaaaagaaa	agaaaagaaa	aaaaaaaaaa	gggtgggggg	caggggttca	caccgggtatc	120
cccacctttt	tgggggggcaa	aggcggtcaa	acccccgggg	gcggggagtg	aaaaactcct	180
ctgcccacag	ggcaaaaacg	ttgtccttta	taaggaccta	aaaaataacc	cgggtttggta	240
cgaacctctt	tgaagcggca	ctaacgtgca	tcctctgagg	attcgtagta	ttcgctaca	300
cttctctaca	cgatgtaagt	gattcacttc	cttctctaac	atagtagacc	g	351

<210> 1775
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1775						
cctataactg	cttttgtggg	ggctcattgg	ttttaatacg	atgagtttct	attctaat	60
gtctcaataa	atttttaaaa	taataaaatt	gaccatttgg	ttattttttg	agtgcattgt	120
ttaattttcca	tgtatgtgtga	aagtatatga	cactgttgtt	gatttccaga	tcataacctt	180
tgtacttctga	tataatctcc	atcttcttaa	atttttttaa	gaactgatct	gtggcctaatt	240
gtatgateta	ttctggagaa	tgttccatgt	gtagtgtgaa	agaatgtgta	ccctacaatt	300
gttgatgaag	atggtctgtga	aatgtcttta	aggctc			335

<210> 1776
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 1776						
gtctttttgc	aggatccgcc	gccatgaagg	ccgtgggtgca	gcgcgtcacc	cgggccagcg	60
tcacagttgg	aggagagcag	attagtgcga	ttggaagggg	catatgtgtg	ttgctgggta	120
tttcctcgga	ggatacgcag	aaggaaactgg	aacacatggt	ccgaaagatt	ctaaaacctgc	180
gtgtatttga	ggatgagagt	gggaagcact	ggtcgaagag	tgtgatggac	aaacagtagc	240
agattctctg	tgtcagccag	ttaccctcc	agtggtctct	gaagggaaac	aagcctgatt	300
tcacacctagc	aatgccacag	gagcaggcag	agggtctcta	caacagcttc	ctggagcagc	360
tgcgtaaaac	atacaggccg	gagcttatca	aagatggcaa	gtttggggcc	tacatgcagg	420
tgcacattc						429

<210> 1777
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1777						
cgggagtg	ggggagggca	gtgaatatga	taggatacca	ctcctgtgat	caggttacta	60
atcagttgat	tttttttagtt	aatcaaaagg	gaggttatcc	taactggaat	tgatcaaac	120
aggtaacttc	tttaaaagaa	gatgaatgtc	agagtgatgg	tcctcctctg	gccttgaaga	180
caacgcgaac	tgagagaaag	ggggcactca	gcaaggatct	gggggcaacc	tataggaaac	240
gacagctcac	tgacacaagaa	gcaagggtat	cagctcatagc	acaacaagca	aatttctgcc	300
aaaaaccagt	gagcctggaa	gagaatcctg	aactcagac	gagactgcaa	cettggattg	360

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atttt
365

<210> 1778
<211> 373
<212> DNA
<213> Homo sapiens

<400> 1778
cgttgcgtgc ggaactgggc aacatagtga caccagctgt ctattacaaa caaaacaaaa 60
acagatgaag gctgcattt gcctgtaggc tatagtttgt tgatccctaa ctagtaaatg 120
gtattccatc ataaccacat ggactttgca ctgcacagaa aaagtcagtt tggggagaat 180
ttcagactta catgtgaagg acagatgtga attttttatt ttattttatt tttgagacag 240
agtcctgctc tgttgcccag gctggagtgc agtggcatga tctttggctca ctgcaacctc 300
tgccccctgg gttcaagcaa ttcttgtgtc tcagcctcct gagtagctgg gattacaggc 360
gtgcaccacc acg
373

<210> 1779
<211> 408
<212> DNA
<213> Homo sapiens

<400> 1779
gggcgacaga gtgagacttt gtcacgaaag aaagaaaaag aataaagaaa gaaagagaga 60
gagagagaga aagaaagaga gagagagaaa gaacgacaga aagaaagaaa gaaagaaaaa 120
aagaaagaaa gaaagagaga aaagaaagaa acgagaaagg aaagaaagaa agaaagagaa 180
agaaggaac aaagaggaag gaaggagggg agagagagaa ggagagaaag aggaagggaa 240
ggagagaggg aacgcaggaa gaatgcatta ctgcccacag gttatctctt tatgcacgac 300
ttatgcctag acgcgctcgc gtatacaaac ggcaaaagctc taaacccggcg ggctcgtact 360
taccaccctt atctcccccc aaccgcattg cagccttctt accctgcg 408

<210> 1780
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1780
gacatcagaa ttgtgtatct tgatttacia agaaaaaaa caaaagatac tctctttttt 60
aataaaacta aaatgttcac atggcaagtg ttactcagc aaagtacttc agaacaaatt 120
tcagaaatcac cagagaacca ttgaacaaag aggggtcaga gataaggaga ggcattagat 180
gataaagcaa tcagttctcc aaggagacat aacagtcctc actgtgtatg caccacaaac 240
cacaacacc caatcacatga ggcaaaactga tgaactgcaa ggagaaatgg ccaattcaga 300
tactgactgg attagacaa ataccacaaa cttggggagt agtgcctaat a 351

<210> 1781
<211> 380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 1781
cggttgcgtc gcgcgagatg gattccgggt gctgggttgt cgccggcgag ttcgaggact 60
cggtgttcga ggagaggccg gagcggcggt catgaccgcc cgctcctac tgcgccaaag 120
tctgcgagcc gcagtggttt tatgacgac cttaaactct cgcttacctt teacttccgc 180

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ctcttttgcgt	tcttcttccg	cccccttttc	cttcttttca	tcccaccatt	ctgatcggtc	240
tccttgccgat	ctctgctcgc	tcttcaatct	tgcgctcctc	gtactttttc	ttctcccatc	300
tctctctctct	ccctgctctg	cgcgcgcctt	actactcttn	ctagttctgt	cagctcttct	360
ttctgtctcg	ctctcttttc					380

<210> 1782
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (347)
 <223> n = A,T,C or G

<400> 1782						
tctttttcta	ctacacacac	attttttagca	ccaacctctg	taatacatct	taacagattc	60
cacatcacat	tgtactgaat	tcatattttc	tctactttct	tgtaatgatt	tttgccctgtt	120
cacatagaat	attaatgtaa	attgattctt	tagtcacttt	aaacttgcca	ttgatctctc	180
taagagacaa	catctgagca	gtcttctact	tagacagcca	ttcaataata	gtgggactct	240
tcaacacccc	attgtcacat	tagacagatc	atcaaggcca	aaaagtaaca	aattctgaac	300
ttaaacttga	cacgtgacca	atgggcactta	atagatatat	atagaan		347

<210> 1783
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1783						
ttttgagggg	tttttaaaga	aaaactacta	aatttgatga	ttgataacat	ctgtgcagtg	60
ggctgggctt	gcagggaggg	ttatgagaca	tggtgaggcc	agagtgggtc	agtgaactgaa	120
tattgtttgag	agtgagaagt	gagaaggcca	ggagaccaga	actgaggctg	agagtgcagc	180
tataatgata	aagacgggcc	aggcacagtg	gcttacacct	gtaatgcac	tctggggaggc	240
cgaggtggga	gaattgctgt	agtcacagtaa	ttcaggacca	gcctggggcaa	tatagtgaag	300
ccccctctct	acaaaaaatt	taaaaaattag	ccaggg			336

<210> 1784
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1784						
gttgagactg	caatgagccg	agatcatgcc	attccactct	aaccggggtg	acagaatgag	60
aacttgtctc	aaaaaaataa	aaaaataaaa	aaaaaatgta	tcaaccaaa	tcattggagaa	120
ccaaaccaag	ttttgtctac	aaccatgatt	cttacagttt	ttggtttcag	gactctttgc	180
attttgaaaa	ataactgaac	accocagaagc	ttttgtttat	atgaatttta	tctatcagta	240
tttactatat	tagaaattca	agtgaggaaa	aatttaaata	tgtatcaatt	catttaacag	300
aactgatgta	aactcattac	atgtaaacat				330

<210> 1785
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1785						
ctatacaatc	tctgttgcaa	ctcttcaact	ctccctttgt	agcatgaaaa	cagtgatatg	60
ccatatgtaa	ttaataaaca	tggtgtgtgt	tcaataaaac	tttatittgca	agaacaggca	120

gctgggcaca	gttgatctcc	tagccatagt	tttccaacct	tatttatctc	ccaaaggaga	180
tttcctttgg	gagataaaata	aggtttagatt	tgatcttgag	ggtgagaaac	ttatgatagg	240
attaatatcc	tcataaaaaga	agaaaggagc	cagggtgaggt	ggctcatacc	tgtaatccca	300
gcacttttgg	gagggcggag	gtgggcaaat	ct			332

<210> 1786

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1786

gtctccatat	aaatcgagta	tgatttccag	aaggaaagaa	aacaataaat	aggacaaatt	60
tgatatacaa	agtagagaca	ataatgggaa	atttttcaga	atcagtcatt	ggtggagcat	120
gacacgagtg	attaaagtagg	gtagtgggtca	ctaaatccaa	caaaaataaaa	tacctccact	180
tcattgatctt	catcattatc	atcataatca	ttgttatcat	cttaagtacc	atccacaaat	240
atcacaaagc	tcagaatac	tattgtttat	gtactggaaa	tgtaaaactc	taaggttaatt	300
aaaacataaa	tcaaatgtaa	ataatatatt	ttcag			335

<210> 1787

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1787

gggggatctt	ttcggattat	cttccatgct	gtggcagaat	aaaacacaaa	cattggctct	60
tctcggaact	tcaacctacc	agcttttgaa	ctgaaccacc	attggctctc	ctgggtctca	120
tgccttcaaa	ttcagactgc	caatatcata	ctgaatgggc	aaaagctgga	agcattccct	180
ttgaaaacca	gcacaagaca	aggatgtcct	ctcttaccac	tcctattcaa	cgtaatattg	240
gaagtctctg	ccagggaat	caggcaggag	aaagaaataa	aggtattcga	acaggaagag	300
aggaagtct	attgtctct					319

<210> 1788

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1788

cttcctttga	aatgactttc	agtttccac	tgggatagat	tatatcaagt	ctgcttggta	60
aatgccaatg	tggaaaagcaa	aagtgtcctt	tcaaaagtatg	gaatacactg	aataagataa	120
gccgcgagtc	ccgcagtatg	aggttttaaa	tttattccaa	aagaagaaaat	agaggggatc	180
atttacaagc	aaagtacagg	gccaggcacg	ggggctcaca	cctgtaatcc	cagcactttg	240
ggagggtcgac	gcgggcggat	cacaggagca	gatcaagacc	atccctgctt	actcagaaaa	300
ctcccgctct	actaaagata	cataaaccta	gag			333

<210> 1789

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1789

attaaaaata	gaaaaataatt	ctgatattat	attttactct	aattttaaag	ccttttttca	60
tattaaagtgt	ttttgttgat	tcaaaatttag	aaaatatatc	tatctctaatt	acttaataacc	120
cattccctaa	catggcattt	gttcattcaa	ttgaaaacat	ttagcaaaat	gcctcttcga	180
catctatggg	atcattttaa	aaatgttttg	ggggacttaa	ttataattct	cctctaagct	240
tttgaagctt	agctaagact	attacctatt	ctctggggtt	ttgctaccac	catgtgctag	300
tatgtgacag	atgtttt					316

<210> 1790
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 1790	
tatgtactac	60
tcagcggtgga	120
gccactctc	180
gatcgagagg	240
gcaagtggta	300
ctgatgaacc	338

<210> 1791
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1791	
cagggcctagc	60
ttgtctcttca	120
ggggacttgt	180
aaaataacaaa	240
acccagcttc	300
tttctttata	326

<210> 1792
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 1792	
gcagtggggg	60
agggccctgag	120
ggagtggggg	180
tccagcact	240
tggc	244

<210> 1793
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1793	
aaaaagatga	60
aacctaagca	120
aataatttac	180
aataattcca	240
aatgttttaag	300
aaacacattca	336

<210> 1794

<211> 325
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 1794
 tgacactcta ttatagtcta ggcgtgtttac atactaccat caggggacgag gatgtctgac 60
 gtaagaattt accacgaagt atttattccc agaaggcaaa gacctcacca tgagtgggaa 120
 ctactgtacg cagtagcgaa aaaacattaa ggacacagaa tatacatata tgtctatatt 180
 tatatatatg cacacattta tacacacata catatatata aaacattccc tgttttttaa 240
 tatatgtatg tacatatata cacacatata tgtatgcgtg tgtgtatact gaaactatata 300
 ttgcataagn ttatatatta tatcc 325

<210> 1795
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1795
 gccaaagtgc agccactgca ctccagcctg agcaacagag taagactctg tctcaaaaaa 60
 attttccctt taaaggaagt aattatttat ttatttttga gatgagatct cactccgtcg 120
 ccagggtcgg tcttgaactc ctggcctcaa gcaatccctc cactcagcc tctcaaaagt 180
 ttttggatta caggtgtgag ccaactgctc tggcaaaact gtaatttttg gtagaacaat 240
 tggggtaact ctgatatgaa aacaaagctg ggccaaactc ttcacttoga tatagtcata 300
 tttatccaat tttcgttcat gctgtggg 328

<210> 1796
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1796
 tactatatta taagagtaga caaaaagaga caaaaatctc tgctctcaaa gagctttaat 60
 gctggtggga gctaagaagc agataaaaaa aggcgaaata atggttactt caatttagca 120
 tataccaagt gctaggtggt ctctgagtag tctactaggt attacttaat ttaactctcc 180
 caacaactcc atgaggaagc tattactatt gtgcataatg ggaaactcag acacagagag 240
 attaatgtac ctgctgaaga tcatgcagct cctgaaggca gaaccaagat caaacctga 300
 tgggtcttgg acaaaagtcca tgggtctaatt aagagctaca ctccaggcca gg 352

<210> 1797
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1797
 tatgtttttt tccagatggt ttatagggta ggtctttata ctagggtctt gattcacttt 60
 gaggttttat atataatggg agatcacatg ctgtttttta aaacgagtta aagtggtaaa 120
 caatcaggag tttaaaaata tgcattctatc tttggtttta ctgacaatca tgtgatattt 180
 tggttaaacat accattttaa agaaagaaaa caaactttaa cctctaatag ggcgtgatat 240
 ctcaatattt actttaaaaa tgtgataagc ttagagttat tagaaaaggc ctttgacatt 300
 tttgttttta caaatcaact gctttcaata aagacttgaa taaatgaagc ctt 353

<210> 1798


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<211> 362
<212> DNA
<213> Homo sapiens

<400> 1798
tatgttaaaa tgctcttaca cagagcccag actttccaag gggtattctt tgtgtgagtg      60
tgtgtgagtgt agtgtgcgtg tgtgtctcaca aatagagggc cagcacgctt atactacaaa      120
gagagagggtt actcggggga atatactaac accggaagg gttactaatt taaatgctga      180
gggtacagac ctacctcacc ttgtgaagcg cactatctct cgactgggca cggttacata      240
cgtctgcagt tctagcactt tacgaggctc gagcctgggt gatcacgatg ttaggagttc      300
gagaccagcc tgtgcaatat gggcaaaccc ccgtctctac tattcatact tatattagct      360
gg
362

<210> 1799
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 1799
aagattgttg tatcgccata tctatttcta ctttgtaaca gtactttttt ttgcccagct      60
ttaatgactg atocacaaagt gagatatatta aatatatata tacacacaca catatatgca      120
tatatgtgtg cgcttgtgtg tgtgctgtcta tatgatagat acttgccaca tgtttaatga      180
ctgatcagaa agtgagattt taaaatatac atatatatac acatgtgtgt gctttgagag      240
cgggtgtgat atatatatga tagatactta gctgatcttc acaccacaac attaatctgc      300
ccaccatgaa cagaagcact gctatcaagt atcagccttc ttgtataata acaggaaatt      360
cagaacattg an
372

<210> 1800
<211> 278
<212> DNA
<213> Homo sapiens

<400> 1800
gttggttttg tttttacgat agtttatcac aatctgtcag tgttttaaat gcatgtatct      60
tttgatcccg cagtttctat aacattctct cttacggata taccatact tgtggtcaca      120
tataccatat ttcatccaat ctaaaacact ctaaaatgta caaagtgcga ttattttatg      180
taccattaag aaaacaaaac ctaccgcttt aactatgaca cagtccttcc atatcactta      240
gaattgcgtc ttatactcat taagaccgct cctagctg
278

<210> 1801
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 1801
agacaagggt tcaccatggt gccagggctg gtctccaact tctggctcaa gtgatccacc      60
cacctcaacc tcccaaaagt ctgggtttac aggtgtgagc caccatgcc agccctacaa      120

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ccaactgggt	tttgacaaag	gcaacagtaa	tacacagtgg	ggcaaggaca	ttctcttcag	180
taaatctgtg	tgggaaaact	ggataaaact	cagaacaaaa	ttagaccctt	atctctcacc	240
atatacaaaa	atcatcttgg	gtataaaaa	aaacaggacc	tgaaactatg	aaactactag	300
gagaacaaga	aaaagctatg	tgacattgat	ctgcaccatg	atcttgtatc	tatgacn	357

<210> 1802

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1802

cccccttcac	ggctttgcac	aagtggcctt	ttataaaatt	accacttgct	gtttgccatt	60
ctgcctctga	gggactgaat	ttccaacccc	ccatgggatg	gtataaggag	atggggactt	120
tggggggtaa	ctaggtttat	aagaggccat	aaggggcttg	gcctagaggc	tcacaccctg	180
aatccccaga	ctttgggagg	ccaacacagg	aggatcactt	gggcccagta	gctcaagacc	240
agcctgggta	acacaggagg	atcctgtctc	aaatcaaaat	aattaaattg	ttaaaaagat	300
aagaatatga	tagaacaggg	catgaagggt	gggccccctg	gatggcccta	g	351

<210> 1803

<211> 410

<212> DNA

<213> Homo sapiens

<400> 1803

ggcacagagt	cggcggaag	tttggtgcg	cgggttcccc	cgaagttcag	agtgaaagaca	60
tttcacactg	gacacctgac	catgtgcctg	ccctgagcag	cgaaggccac	caggcatctc	120
tgttgtgggc	agcaggccca	ggtcctgtgc	tgtggaccct	cggcagttgg	cagggtccct	180
ctgcagtggg	gtctgggcct	cggccccacc	atgtcgagcc	tcggcgggtg	ctcccaggat	240
gcgcggcgca	gtagcagcag	cagcaccaat	ggcagcggtg	gcagtggcag	cagtggccca	300
aaggcaggag	cagcagacaa	gagtcagctg	gtggctgcgc	ccgcaccagc	ctcagtggca	360
gatgacacac	cacccccga	gcgtcggaac	aagagcggtg	tcacagtga		410

<210> 1804

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1804

cggtgtgtgc	ggcgatcctt	cccgcaact	ttttcgagaa	aaatgcccaa	attcaaggcg	60
gcccggtggg	tgggggggca	ggaaaaacat	gcgcctctgg	cogatcagat	cctgggtggg	120
aatcggtgtg	ggscgggggt	cggggagaa	cgcggggtgc	gcgggacagg	agaagcggag	180
gaagagtatg	tggggccccc	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag	240
gaggaacctg	aggccgagca	tgggactggg	gacaagcccg	cggcgcccg	ggaacgcacc	300
acgcggctgg	gtccaagaat	gcctcaggat	ggatcanatg	acgaggacga	ggagtggccc	360
accctggaga	aggctgccac	aatgacagca	gcgggccatc	atgcag		406

<210> 1805

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1805

gagcacacct	gcacacactg	gaacacacct	atgcacacct	gcacacacct	gcaacgctca	60
tcgtccctat	gtgacctgga	gcaagttatc	taacctcttg	gtgcttgagc	ttccttatct	120
gtaaggtgat	agtgatgatg	cccccccca	gagagctgtc	atgagaatga	aatgaggtga	180
cgcccttaca	gggtgtgaag	ggcgatacct	ggcacactgt	ggggccatct	gaggggtgct	240
catcatcccc	catcccgga	gcttgccacc	gtgccaggt	gtgcagccca	cagacagctg	300
cagctgccat	ggtcacagga	gatcacaag				329

<210> 1806

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1806

aaatacaaca	gagaagctca	acagagccaa	aaattgtttc	tttgaataa	ctagtaaaac	60
tgactaacct	ctgatgtgac	tgaccagtaa	caaattagtg	atgcaaaaat	aaccatagag	120
gaatgaaaaa	aggaacctaa	ttacagatgc	cacagagatt	aaaaagatag	aagaatacaa	180
tgaactttat	gcgaataaat	cttaaaagtt	agatgaaatg	aactcctgaa	aagaaaactt	240
aaactgtccc	aagtagaaac	agaaaaacttt	gaatatcctt	aaaactactt	cagaaaaatga	300
atcagtagtt	aaaaatctac	c				321

<210> 1807

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1807

ggcagcagaa	gaactcttgc	tcacatcatc	taagagattg	cacctgtctga	cctagagatt	60
cggcctctgt	ctcctgtgct	gctgagcagg	gcaaccagta	gcaccatgtc	tgtgactggc	120
gggaagatgg	caccgtccct	caccaggagg	atcctcagcc	acctgggctt	ggccagcaag	180
actgcagcgt	gggggaccc	gggcaccctc	aggacctctt	tgaacttcag	cgtggacaag	240
gatgcgcaga	ggctactgag	ggcattact	ggccaaggcg	tggaccgcag	tgccattgtg	300
gacgtgctga	ccaaccggag	cagagagcat	aggcagctca	tctcacgaaa	cttccaggag	360
cgcacccaac	aggacctgat	gaagtctcta	caggcagcg			399

<210> 1808

<211> 129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 1808

gcttcgggtg	ggcttgggtac	tgatcgcncc	aggctctaca	gagtgacggt	ttaattcctg	60
ggctctggag	ctactctctg	ggttccatgt	ctggatctgt	atgttccagt	aagcgtactc	120
ggtaatctg						129

<210> 1809

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1809

cacctcaatt	aaaaagcaga	tactgctagt	ttggatgaaa	aagcaagata	caactatata	60
ctgcctataa	gaaatagact	ttaaatataa	aaacacaaat	aggtaacaata	agaatatgga	120

agaagatatt	ccatgttaac	aataaaagaa	agctgagggtg	gctatattac	tcaaagtaga	180
ctgcagtgca	aagaatatta	taaagaataa	aggctcattat	aatgataaaa	ggtcgatttt	240
atcattatgt	tctctgacta	caatgtaatt	aaattagaaa	tcaataacat	gagattatct	300
gaaaaatact	tggggaaaaa	atacacacgt	ctaagtaacc	catgggtcaa	ataagcaatc	360
aaaaggaaga	ttaggaaata	tcttgaa				387

<210> 1810

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1810

cctctgaaac	ttgggttgcc	catccaaaga	gggggtgaca	atcctgtctt	gccaaagactg	60
ctgtgaggat	tcagettata	agtcataaaa	tgtagtcggc	tggctgggca	cagtggctta	120
cacctataat	cccagcactt	tgggaggcca	aggcaggagg	atcactagag	cccaagagtg	180
tgacaacatc	gtgtgccatg	gagagagacc	ccatctattc	aaaatacaaa	actatatgtg	240
cgcggggggg	cgtacctctg	gattcccatc	ctcgcgaggc	gctgacgca	gctaattgtga	300
tcagcccgga	cggtcaagcg	ttcaccgcgc	cgagtatgcg	ccactgctta	tccctctgtg	360
caacagaaaa	cgactttttt	gaaagata				388

<210> 1811

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1811

aaaaatccaa	gttcatttgg	gatcttgttt	acttatcatc	tagataaaaa	gtttgcaaac	60
tatagccaaa	ggggcccaatc	ccacctgcca	cctgatttta	taataaaagt	tttactggag	120
cataactgca	cctatttgg	ttgttttgg	ttttgagtcg	gagctcgcgt	gtgttgccca	180
ggctggagtg	cagtgggcagc	atctcagctc	actgcaagct	cgcctctttg	ggttcacacc	240
attctctctc	ctcagcctcc	cgagttagtg	ggaactacag	cgcccgccac	cacgcccggc	300
taattttttg	tattttttagt	aaaaatgggg	tttcaccgtg	ttagc		345

<210> 1812

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1812

tttacctcat	tggttatatg	tactcctagg	tatgggtggg	ttttctctgt	gcatgacgca	60
agtattataa	taaacctctc	atgtttatac	ttatcttatt	ccttacaata	gctcagacag	120
tagatcatct	ctgtttccac	tcaaatgcac	cagaagcctg	agtgtgtatt	ttattttatt	180
atttaaaaaa	tgaatatcac	ctgtttacc	atgctggagt	gtggaggggc	catcataaat	240
tattgcaacc	tttaacactt	agtcttaaa	gattctccca	cct		283

<210> 1813

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1813

caaatatcct	cagtaaaagta	ctggcaaaaca	aaattcaaca	gcacattaaa	agattttat	60
gccgtgatca	agagaaatatt	atccctgggt	tacaacagtg	gttcagcata	tataaatcag	120
ttaattgtgat	atatcacatt	cacagattaa	aagcaaaaaa	acatatata	cctcaataga	180
tacagaaaaa	tatttttttaa	actcaacatc	cattaatgat	aaataatatt	taacaaaaata	240
gggtataaaa	acttaacctca	atactaacta	aataattaat	agacaaaaga	gcttgaaaaa	300
ttttctcaca	ggaccacagta	gaaaacaagg	a			331

<210> 1814
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 1814
 ttccggtttg ttgagacttg ttctatagca caaaatatag tctaatttgg aaaatgttct 60
 gtgtgcattt gaaaaggata cacatttgaa aaagacatgc tattgttgaa tagagtgtcc 120
 tatcattatc tggtaggtta agttgttgac aatgttatct caggggttct tggtagattg 180
 cttatttctc ttctagntc caattgtttt tgctaatacat atttaaaatt ctgttattag 240
 tgattaaatt tttaggactt ttatgtctct ttgatgaat gactcaactgc ttattagtaa 300
 atgaccttgc tgaactcttg gtttcattct tgggg 335

<210> 1815
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1815
 catttacata taactgaaaa tcattgctat taatttctaa ttatttttct ctttttgtca 60
 gataatacac ttctgaggat ttgaaacctt ttccgtttgt tgagacttgt tctatagcac 120
 aaaaatatagt ctaatttggg aaatgttctg tgtgcatttg aaaaggatac acatttgaaa 180
 aagacatgct attgttgaat agagtgtctc atcattatct gttagggttaa agcgtgcaca 240
 atgttatctc aggggttctt gtgattagc ttatttctct ttctagctcc atttgccttt 300
 gcctaacata tgaataattc tgatattaga g 331

<210> 1816
 <211> 322
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 1816
 tctatccagg tatccatcca tccatctctc cctcctctct tccctccctc catctctccc 60
 ttcatccatc catagctcta tccatccacc catccatcta tccctttatc caatcatcca 120
 gccatccatc cctctatcca atcattctat catccatcct tctatccaat catccatcca 180
 tctatccctc attcaccctc cctccatgca atcaaccatc tatccattcc catttatcta 240
 acaaatcatg catnaccoca cacacccaac attcaccatc tcatccaaca atccattcac 300
 ccattcacca ttacttaaca ga 322

<210> 1817
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1817
 gtacacacac atgcataata atatgtatgt gtgcgcataat gcatacacgt ccatacacgt 60

gtacatatat	gtgcatgtgt	gcgtgcatac	acacatgtac	atacatatgg	atacatacac	120
atgtatacat	atacatgcat	gcaggcacat	gtatacatgc	atacatacac	atgtatttaa	180
gccagagatt	gcacactggt	gccctaagag	ctggatattg	gccagatgt	gttttctttg	240
gtctacatta	aatttttttt	ttcttttttt	agacagaatc	ttgtcctgtc	accagggc	298

<210> 1818

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1818

gggcagggtct	tttctcttct	cctccacttc	ccctaccctc	cacggtccgg	gagccgccc	60
caccgcgcgc	gaggagtcag	gaagttcaag	atggccgcgc	cggagaccca	gtcgtctacgg	120
gagcagccag	agatggaaga	tgctaattct	gaaaagagta	taaatgaaga	aaatggagaa	180
gtatcagaag	accagtctca	aaataagcac	agtcgtcaca	aaaaaaagaa	gcataaacac	240
agaagtaaac	ataagaaaaca	taaacattcc	tcagaagaag	acaaggataa	aaaacataaa	300
cataagcata	aacataagaa	acacaaaaga	aaagaggtta	ttgat		345

<210> 1819

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1819

tgattttcca	ccctcccaaa	cacttacctt	atttttttct	ctatatctgc	atggttttgc	60
ttccttaata	tattccagga	aattttattt	tgggttgccc	tactggagaa	gttatgatga	120
atagaaaagt	gtgaagaaga	accttctatt	ctctccacag	tatacggcaa	agagcgtgca	180
attgcccca	caatatcatt	gtggaagggt	catattactg	agactagcta	gtaacacatt	240
agcttacaga	attctcattc	ttacgtcata	atattaccct	cctcatcaaa	cttacctgac	300
cgcattgctg	atgttggtcg	attaagacat	aacacgtcgg	tatttaccaa		350

<210> 1820

<211> 269

<212> DNA

<213> Homo sapiens

<400> 1820

cagctcccta	cagactttta	agtgccatga	gtctcaggca	attaaaacta	gaagtacttc	60
tacgtatgat	ctattaggct	ctaaaagact	acttctatat	tcatttggtc	caaagttcag	120
agtgacacat	actatccaag	agacagctaa	tggtttttgc	ctctggcacat	gacttgttca	180
tatctacaca	agttcacaaa	ttgaaaattc	ttaagagttt	ctggccaggc	acagcggctc	240
atgtctataa	ttccaacacc	ttgtgagga				269

<210> 1821

<211> 390

<212> DNA

<213> Homo sapiens

<400> 1821

cgttgctgtc	gctgctttgt	agagaataga	atataggaaa	gcaagaatgg	aaacagagct	60
attaggaggc	tattggagaa	taatgcagat	gagagattat	tacactgtct	gaactaagga	120
gggtggcgga	aagggtgtag	gaagatggat	ttttttttaa	acggtccacc	tgtctagagt	180
gcagtggcgt	gatcacagct	cactgcaacc	tagacctcct	gggtccaggc	gatctcccca	240
cctcagcctc	ctgagttagt	gggactatag	gogcatgcca	ccatgcctgg	ctaatttttc	300
gtattttttt	gtagagattg	gggtcttcca	cattgccccc	gctgctctcc	aacctcctgag	360
ttcaagtgat	tcacctccct	tggcctccca				390

<210> 1822
 <211> 388
 <212> DNA
 <213> Homo sapiens

 <400> 1822
 cacacctgta gtcccagcta ctccaggaggc tgggggtggga ggaacacttg agcctgcatt 60
 tcgaagcttt gcattgatgc tgcacccagc cctgggtgac agagcaagac ccggtctcaa 120
 aaagaaaaat aaaacactaa tcccttcctc agaagaggag gtaaaatcct tgagtgatgt 180
 ttactcttct tcataatccca taactcagat attatgatgc aaaatataata atacttaata 240
 ctatgacata aagttaatc atcttatgtt acattatgag ggaataaaaag agaaaaagaaa 300
 atgaagatat ttgcttgata tacacacaca taaacatata aataacaaaa tgaggaaata 360
 tcatggcaa tcatagtct aggggtcca 388

 <210> 1823
 <211> 363
 <212> DNA
 <213> Homo sapiens

 <400> 1823
 cagaagaagg attgattatg atacttactc agaattttcc aaaactgata aagtacatta 60
 gccaacagat tcaagaagct ctctgactct aagctgaata aaaataaaaac cacttttagca 120
 aaaaatctaa ctctaaagctc aacaaaaata aaacactcct tagcaaaaaa aaacaacaaa 180
 aacttcaaaag aagcaacagt ataactgatt actgctcagc aaaaaatgat gcaaaccaaaa 240
 agacaataag aagaaatctt taaaatctg taagaaaatt actgttcacc tagaatttta 300
 tacccaatta atatatcctt caaaactgaa tgcaaaatag agatgtattc agcaaaaaac 360
 cag 363

 <210> 1824
 <211> 355
 <212> DNA
 <213> Homo sapiens

 <400> 1824
 tttctaaaag tactaaaaca gccttaaaaa taacaaggaa aacccaattt aaaaatttaa 60
 tacttattgt aaagctagaa taattgattc tgcattggtt ggaaaaacaa gatattatca 120
 gcaatgaac aggatagaaa atcaagtaat agacacgcac atatgtggtc aatcgatgtt 180
 caacaaaaat gccacggcaa ttcatagtaa gaaaagcaat ctcttcaaga taccgttgcgt 240
 gaacaattgg agagccattt acaaatgaac tccaatttt atctacctt caaagaaaaca 300
 cagaatagat gaaaaacaa atgtgggagc taaaaatgta aatattctag aagta 355

 <210> 1825
 <211> 388
 <212> DNA
 <213> Homo sapiens

 <400> 1825
 cgttctgttc ggcgtctacc apggcctgcc cgccagccac atggagctgg cccaggagct 60
 catggagact tgttaccaga tgaaccggca gatggagacg gggctgagtc ccgagatcgt 120
 gcacttcaac ctttaccctc agccgggccc tcgggacgtg gaggtcaagc cagcagacag 180
 gcacaacctg ctgcggccag agaccgtgga gagcctgttc tacctgtacc gcgtccacag 240
 ggaccgcaaa taccaggact ggggctggga gattctgcag agcttcagcc gattccacag 300
 ggtccctcgc ggtggctatt ctcccatcaa caatgtccag gatcctcaga agccccagcc 360
 tagggacaag atggagagct tcttctctg 388

 <210> 1826
 <211> 354

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<212> DNA
<213> Homo sapiens

<400> 1826
ctccctgcaa actcaacctc ccaggctoag gtgattotcc cacetatage ttaatgtatt      60
aatgatgtaa tagacaatta ctggccaggc gcggtggcca gagcgagact ccatctcaaa      120
aaagaaaaga aaagaaaaga aaattactgg cggcaagcag gaacattgta gattttgaaa      180
ctgtcttgtt ttacaagata ctgaagcaag gtggtgcaat tattacgtcc ttctaaagct      240
gatecgataa aggcgtttaat tttgtaattt tcagagaata ttaccaatgt agcaagattt      300
accaataacc aatggttgct tgaagacaaa agaggttgtt ggaacttgct taat          354

<210> 1827
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 1827
aatggggggc tcgaagatag taattttcta tgtcctaagc taggggggat gcatatggga      60
gttcgctttta ttgccattct gtatgactca cacatgtcag aaatattctt tggctctgta      120
ttttaaaata caagtggggc aggtgtgggt gctcacacct gtaatcccag cactttggga      180
ggcgcagtcg agcggatcat ctgaggtcag gagttcaaga ccagcctggc caacatgggt      240
aaaccccgct tctactaaaa atagaaaaat tagctggggt tgggtggcaca cacctgtaac      300
ccctcgnagc actgagggag gagaatccct tgaacccagg ag          342

<210> 1828
<211> 373
<212> DNA
<213> Homo sapiens

<400> 1828
actacgggtg cgagatgacg acagacaggg atactgtggc actgacotca accctggggg      60
acagagtaag actctgtctc tgtcaatatt gtgatgctat tgcctttttt gtaactttta      120
taccgctgag aacacagaga gactgcgacg tatagacct actaagggct ttttctctgg      180
ggagcgtgtg ggggagtaga agtaaaacttt taaaaattca agatagaatc gtgatgagca      240
agcctcatgc acatgcatga ggatggctac taccaaaaag gcagaagata acaagtgttg      300
gtgaggaagc agagaaaactg gaactctcat gcagtggggt tgagaaggta atatatgca      360
gccgcggctg ggt          373

<210> 1829
<211> 350
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 1829
tattactgct ttcttttgtg ttaaaatagga tttttctaatt gtactatttt aattcctgtg      60
tagttttctt tgcatactat ttttttagga ctattaatac taaatttata ataacctagt      120
ttaatgtcta cttaacttca atattttgta aaaactttgc tcttatacag tccattttcc      180

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tcttcttctta	tttatctatt	ggtgctgtgc	aaattgtatc	tttatcacaca	gtatgcccat	240
cagcacggat	ttataattat	tgcttttttt	ataccattgt	cttttatanatc	aaacaggaaa	300
aatattagaa	acaaaaaatt	catctatact	ggcttttata	tctacttatg		350

<210> 1830
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 1830						
tacgggtcca	aaaaaacaac	aaagggtacc	gcttgcaaaa	tactacaaaa	gggttcgcgt	60
gccaaaatac	tacagaaggg	taccgctgcg	agaatactac	agaagggttc	ggctggggga	120
atactacata	agggttccgt	tgcgagaaaa	tctataaaag	ggtcgggctg	ggagaaaact	180
acagaagggg	accgcgtgcc	gaaaagacct	cataaagggt	tctcgctgtt	agataaattg	240

<210> 1831
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 1831						
tacgggtgcg	ataagacgac	tgaagggtac	gggtgctata	tgacgacata	tggggagcca	60
gtttctatgt	ctttggaagt	gtcgtgtagg	tggtcatctc	tgcttatctc	cgccttctct	120
taacgtccgg	c					131

<210> 1832
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1832						
taccgctgtg	agaacactac	tgaagggtcc	ggctgcgata	cgactacaga	agggcacccct	60
gatactact	gctggcatcc	acgcctgcc	tccacaggct	tggggacatg	tccaccttgc	120
ccaccttgcc	cactgccacc	accactgggt	cccaacgact	atctggtcta	gagttttcat	180
ggctagcaaa	gcctcaaaac	gtcttcagta	acaaacacag	gctaagccaa	tgagaaactc	240
atagatacca	ctgacactag	tatatgctac	ctaaataact	cagaggctac	actactgccc	300
taccctgtat	caccaccaaa	gcctcctacc				330

<210> 1833
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1833						
gattgcataa	gctaaggagt	ttgagaccag	cctgggcaat	atggcaaaa	cccatctcta	60
caaaacatac	aaaaattagc	caggtatggc	agctcgaccc	tgtagtccca	gctacttggg	120
gggcagaggc	gagaggatca	cctgagactg	ggaggttgag	gcagcagtga	gttgagatca	180
tgctactgta	ctccagcctg	ggcaacaaag	tgagaccocg	tttttttttt	ttttttgaaa	240
acaaagcttg	gtttttgacac	caagctgggc	gtccagggcc	ccaattttgt	ttaattggaag	300
gcttggtctc	caaggttcac	accatttttt	gggtaaagcc	tccaaaagaa	cttggaacat	360
aaaagccccc	cct					373

<210> 1834
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1834
ggcagcagggt aatcccagct actcggggagg ctgaggcgagg agaattgctt gaacctggga 60
ggttagaggtt gcagtagccg agattgccc attgcactct agcttgggaa acaagagtga 120
cactccatct caaaaaaaa aaaaaaaag ggggtccttt ggaattttta aaaaaaaaaa 180
aaaagggggg gggggaaggg aaaaagggat caaaaagggc caaaaaaaa gggggaggga 240
ttttgggggg caaatgtgaa aaaggggggt ttccctcttt gaaaagggcc atttttttta 300
acgggtgaaa gtttccaaaa aggcgggggg ggaaaaaaa ggggggttaa tttttttccc 360
aaattgggaa aagacccctt tgtttttttt cca 393

<210> 1835
<211> 376
<212> DNA
<213> Homo sapiens

<400> 1835
cacctcaatt aaaaagcaga tactgctagt ttgatgaaa aagcaagata caactatata 60
ctgcctataa gaaatagact ttaaatataa aaacacaaat aggtacaata agaatatgga 120
agaagatatt ccattgtaac aataaaagaa agctgagggt gctatatatc tcaaagttaga 180
ctgcagtga aagaatatta taaagaataa aggtcattat aatgataaaa ggtcgatttt 240
atcattatgt tctctgacta caatgtaatt aaattagaaa tcaataacat gagattatct 300
gaaaaatact tgggggaaaa atacacacgt ctaagtaacc catgggtcaa ataagcaatc 360
aaaaggaaga ttagga 376

<210> 1836
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1836
gcgatgtcta aaaccaaata gggaaaatat aaaaccaggc tgggcaaggt ggctcatgcc 60
tgtacaatgc ttggcacaat gcttgccaca tggaggccaa ggtggaggc tcacttgaga 120
ccatcctgga caacgaagtg agaccctgtg tcaaaaagaaa aaaacagagg gagagagaga 180
gcgcgaaaac tacaaacgag aggtgacaaat ctccgggggg ggtttatttt gaaaaatttt 240
tcgcctgttt tctacttaa aaaaaaaagg gccacacttc taagaaaaag gggg 294

<210> 1837
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1837
ctggccaaca tggagaaaa cccatctcta ctaaaaatac aaaaattagc tgggcgtgca 60
cctgtaatcc cagctactcg ggaggctgag gcaggagaat cgcttaaac caggaggcgg 120
agggttcagt gagccgagat catgccactg cactccagcc tgggtgacag agtgagaccc 180
cgtctcaaaa caaaccaaca aaaaacagag ccagggtgag tgggtgcac ctggaacata 240
acttctcaca acgctgcgct ggggaagact ctggaacctc caggagcgcg aggaacactc 300
tggtcatacc aaccgaggtc tcaaatattca aaggcatttc tattc 345

<210> 1838
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1838
tgggcattgt ggcaaacgcc tgtaatccca gctactgggg aggcctgaggc aggagaattg 60
cttcaaccgc ggagccagag gttgcagtga gctgagatcg cgccattaca ctccagcctg 120
ggcaacaaga gtgaaactcc ctctcaaaaa acaaaaaaca aaatatctat ggtgcattga 180

ccaagccagt aacattgtgc ccaacaccaa ctctatgcag catccttcca tgaaccact 240
gtattgaaac tgtcatcttg gg 262

<210> 1839
<211> 298
<212> DNA
<213> Homo sapiens

<400> 1839
aactgttcta tttttaatag acaatttcac gacgttggcg aggcctggtct tgaacccctg 60
acctcagggt atccaccgcg ctcagcctct caaagcgctg ggacaggcgt gagacaccgt 120
gctggggcag tagtaacttc taatggataa tgtatgcgtg ggtgggaag gggagtacca 180
gtatttttat ttcaaacaca tatacaaaac accagcttgc aattoaccct gaagaacct 240
cagcacagag cagtttcata agtccatgcc atcgtgccat atgccttctt cactggcc 298

<210> 1840
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1840
ataacctcta tgcatacttc tttttagctg aagtatgccg ggctgtgtct taacatatta 60
tgcatatttg tgataccatt aagtagagag ggtttttaaa taataatctg actcaaaaga 120
aaaagacaaa attgaatata atgaactcca aggagatata ggaattgtac agattgctta 180
gagataaga aacttgccta agtatgtgaa acttgattgt gattagaaaa aaaaatttat 240
ttaatcctgt tgttcctagt tattcaacat ttggacgcca taaaagaaaa aatgggctgg 300
gcacagtggc tcacacctgt aatc 324

<210> 1841
<211> 129
<212> DNA
<213> Homo sapiens

<400> 1841
taccgctgcg ataagacgac acatggctgc ggttgcgagt actcaacaga ctgggacggg 60
tgggagacct cgacacaggg gtgcggctgt gagaagacc aagatagtc cgctgcacat 120
aagactacg 129

<210> 1842
<211> 249
<212> DNA
<213> Homo sapiens

<400> 1842
tggtatccac agggaggtcct gtaagcaatt tctgtggat acttagggat gactgtacat 60
ggttataaaa ggaatttgat cagagttaaa gagagattta gtgagctgaa gaaagtcagt 120
agaaaatc tagactgaag catgcaaaac aaatatatgg aaagtacaga aaatgacatt 180
agagatgtac agaaccttat gcaaagggtg aatatgaagg aacctggaga tcccaaaggg 240
agagagaat 249

<210> 1843
<211> 344
<212> DNA
<213> Homo sapiens

<400> 1843
caaaccacca ccactaagta aacaaaaa tgcatgatca actggaaaaa aaatgcaat 60

catagcaaa	actatacata	aagagcttct	agaataaaga	agaaaaagac	caacaacata	120
gtgggaaaat	gtctgaaatt	caaaacacac	ccacataaaa	aataaacaca	aatgacatt	180
taaatacatg	aaaatatgat	caaccttact	tataataaca	gaaatataaa	ttaaagctat	240
aacaaaatc	catttctcac	ctaccagcaa	aaatccaaaa	ggttgacaaa	agattccatg	300
ggtgatgttc	tagggaaaca	ggcactttca	catactgctt	gcatt		344

<210> 1844

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1844

tcaccatggt	ggccgggctc	gtcttgaact	octgacctca	agtgatctgc	ctgcctcagc	60
ctcccaagt	gctggaatta	cagggatgag	ccaccacct	cagcctgact	ttggcccttt	120
ttaatagtaa	aacaataggt	tttctggaaa	ctctgaaaca	gacttctggt	tatatatcat	180
tggtataaat	catgtccaat	atgaccaccc	ccaactttat	gtttgattta	cgccacattg	240
gccaaaataa	ctgaacataa	tcgcgttaca	tttaaaaaa	accacgggtg	gcactggcgg	300
gtcttagttg	taatcccaac	ccittggggag	gacaaaaccc	atgggtcact	tgggggccagt	360

<210> 1845

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1845

ttgcaggcag	actgtagccc	catttttagt	ctgttttgtt	tgacttaagg	ttcagtgagt	60
cttgtgtaac	agttgtccct	cttgtcagct	gtctttcaac	tggtccgttg	actgttgtct	120
ggttgtggga	ttagtgcac	catgaagact	ggctaattgt	tttgcagtga	gtgcctcatt	180
ctgtctacag	gaggagggtca	gaaaggtaaa	accaggccag	gtgtggtggc	tcacgcctat	240
aaccccacaa	ctttggggagg	ctgaggcagg	agaatcactt	gaggtcgsgt	ttgatgatcac	300
ctgtgggcaac	atagtgagac	ctgtgtctcc	ctcccaccaa	aaatagggtga	gagtgcctac	359

<210> 1846

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 1846

ctacgggtgc	cagaagacga	ctgaaggcca	gctaacaatca	tacttagtgg	tgagaaactg	60
ctttctctct	aagacagaga	ataaggcaaa	gataaccctc	ctcaccactc	ctatttcagca	120
ctgtactgga	agctctagt	gcgcacctaa	gacacgataa	ggaacacaaa	gatgtacaga	180
ttgcgaagga	agaaataaaa	ctgtctttgt	ttgcagatga	catgactgtc	taaagaaccc	240
tgaacaatg	aagtgactat	agcaaaagtt	caggatcaaa	ggtttattata	cacagccaat	300
tggattccaa	aatgccacgc	accaccagcc	agaatttata	atcaaaaaga	tactatn	357

<210> 1847

<211> 162

<212> DNA

<213> Homo sapiens

<400> 1847

taccgtcccc	agaagtcgac	cgaagggtgt	ggatgtttgt	agggatgtat	atttggattt	60
------------	------------	------------	------------	------------	------------	----

gtggcaaggt acacataaca ttaaatatgc tatctgaaac tgtgtaagcg tatagttcag 120
tagcatcaag tacattcggt ctgttgtgca atcataacca cc 162

<210> 1848
<211> 337
<212> DNA
<213> Homo sapiens

<400> 1848
gcccaggtgg agtacaatca ggcataaagt ctctgaatg aggggcaaaa ggagagactt 60
cgggagcagg agggagaggct tcaggagcag caggagaggc ttcgggagca ggaggagagg 120
cttcagcagc tggccgagcc acagaacagc ttctaggagc tgggtgcgttg ccccgactgg 180
ggagcctgcc ctctcccta gccctccagg cctttgtttc cccacctata aaatgtggca 240
gagtgcctcc caagtgaat gttactccta aaggcacctg tgagccagag acctgtctctg 300
gtggctgtgg gagacagggg aagacttttc taacctg 337

<210> 1849
<211> 354
<212> DNA
<213> Homo sapiens

<400> 1849
ggttctttaga atgtatcccc catggataaa gggggactac tgcacttggt cttttgcagt 60
cattcacaga catgcacaga gtggcaaaaa atttaaatca cctacatgt accttctggg 120
tgaggtcaaa gtttcaactct gtcttctcat ttcaagctct atgctataaa caagtatcct 180
tttccacagt ctatttagag tcattttttt ttttgcattt ttgcgctttt tgtggggaat 240
tttgcgtttt aaaaaggccc taaccataaa gtgtcagttg ttacctaggg tccttaagg 300
caagaaagct atgaaggccc ttactgagaa aataacctag gaaaaaggg ttct 354

<210> 1850
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1850
gctgggatta caggcatgag ccaccgcacc cggctgcttc caaattaatt ttgattatg 60
atcaaaagat tccaaagaat cgcttaagca taggagtcca agaggctgca gtgggccaag 120
atcacaccac tgcactccag cctggggaca gagcaatacc ctgtctctaa aaaacaagaa 180
gattcctaca gacgatgaag tcaagcaagc ataacaatt ggagaagctc aataacagca 240
aagtggggcc agccatccat atacattcat ttgctatgag gatgtctcag ccatagggac 300
cagacacagc agtcttccaa cagg 324

<210> 1851
<211> 364
<212> DNA
<213> Homo sapiens

<400> 1851
ggggggccttc actccctgga gtccaaccg cagccatcct tgtcccccaca acctctgcag 60
tgtcccagggt cttgcctcac tctaaactcag cccactcaca cttatcacgt gacttcatcc 120
taaacacaacaa taaccttgaa atctgggaatc tgtcttggtc atgtttctac aaactcatgc 180
tgaaataaat gacagcagcc caggctgggt gcagaggctc acacctgtaa tcccagcaat 240
ttgagagccc aaggcaggag gaggccaaga acacctatg cgagatccca tctctacaaa 300
aataaaaaat tagctggggc cgggcgcagt ggctcaggcc tgcaatccca agcactttgg 360
gagg 364

<210> 1852

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<211> 324
<212> DNA
<213> Homo sapiens

<400> 1852
tattccatt ttacagataa gaatcctgag gcttagagag ttcaagtgc ctacccaagg 60
gcacatcact gataaagggc agaggtggga ttcaaaccca catctgtcag gtgcaagtgc 120
aagggtccctt ctccatcatgc tcaactgcctg ctgggggaata gggcactggg gacatacccc 180
agggagccctt tcctcatggt ctgagtcoca gttcatccca tgctgctatt ttgctctccc 240
aggagcatctt ggactcccta gacagagccc cagcttctca cctgtccctc tctaaatgct 300
gctctgcagg cctgtgatcc tgga 324

<210> 1853
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1853
ctaccctgcc ctgtctctaa acttttatta ttatccctac agaattgcat tcaacctctg 60
ctcaaggccg ggtgtggtgg atcacacctg tgatttcaac actctgtgag cctgaggcgg 120
aaggattgcc tgatgtcctg attctcactg tctgtctggc aatatagcaa tactcctgtg 180
gtcccagaag cccttctctca tgatctgagt ccccgctcat cccatgcttt tattttgtct 240
tgccgggagc atctgcactg cctaacaaga gcccacaact tctcacctgt cctctctctaa 300
atgtctctct gcaagcctga gatcctgg 328

<210> 1854
<211> 375
<212> DNA
<213> Homo sapiens

<400> 1854
gcttggtctc ctgcactctc caccctccgg gttcaagcag atctctgcct cagcctcccg 60
aatagctggg attacaggcg cctgccacgg tgccctggcta attttttgta tttttttag 120
agacaggctt tcaccctctt ggccaggctg gttttgaact cctgacctca taataacccc 180
accttgctta tccatagagc tgggaagaca ggcgtgcacc actgcactct gccaaaaaat 240
attcacttat cagcgctctaa tgccatgcgg ctgttaatcc agctattctt gaggatttag 300
taccgggatt cagttgagcc caccgggttt agagctgatt aaccttgaca taatatcatg 360
gctctctaag ggggg 375

<210> 1855
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 1855
cccaagtgc tgagattaca agcgtgagcc actgtgcctg gccttttttg ttttgatctt 60
tgttttttgg agacctctct agtccgttac ccaggctgga gtgcagaggg acaaccatga 120
ccatagctcta cctatgggct cctaagctca agagatgctc ctgccttagc caccatacca 180
ccaagtggct gggactacag gcatgcgcca ccactcctgg ataattttag catttttttg 240
tggaagaagg gctgcatggt caggagcata ggctaaggcc tggcacccca acgctttgga 300
aggccaaggc agatagatca cctgaggtca ttagatgaag accaan 346

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<210> 1856
 <211> 343
 <212> DNA
 <213> Homo sapiens

 <400> 1856
 tgacagaagg gtaactgatt actgctcagc aaaaatgat gcagaccaa agacaataag 60
 aagaatctt taaaactctg taagaaaatt actgttcacc tagaatttta taccagttta 120
 atatatcctt caaaactgaa tgcaaaatag agatgtatc agacaaaaac caagaaaact 180
 ttgcactagc agaccaaaca tgcacagaat gagaactaa aggaatctt tcaagtagaa 240
 tgaaaataat gccagggtaaa acatgaaaat acaaaaggaa atgaacagtg acaaggataa 300
 atgaatactg agtttacaaa cagtgaatgt aatgtcctgt ggg 343

 <210> 1857
 <211> 355
 <212> DNA
 <213> Homo sapiens

 <400> 1857
 aaggacaaca agatatata gacaacagga aaacaacaaa atggtggatg ttaagtcttc 60
 acctatcaat aataaccttg gctgtaaaac gactaaattc ccaactgaaa agatatagac 120
 tagctgaatg aatttaaaaa aaaaaaaac ctagggtatg gctgcctaaa aaaaactctt 180
 ttccctctaa aagacctctt tgaataaaaa atagggggag gaaaaaaat ccttccaatg 240
 ggaacccaaa agcaggggaa aatagctttc cttatttcag gtaaaacaaa ctttaaacca 300
 aaaagaaca ggggtttttt catttcccca gaaaaatgta ccattggtta acatc 355

 <210> 1858
 <211> 315
 <212> DNA
 <213> Homo sapiens

 <400> 1858
 ctgtaggaca atttaaaaa gtaaaatgta tgcataatag gaatccaaga cagaaaagaa 60
 agagagaagg aaacagaata cagatgcttc tccacttaag tccatagtag tccatcctga 120
 gtgaaaatac tgtcaggcaa aaaggcatag ctgactggaa gctgaggctt gctgctgccc 180
 agcatagcaa gagaagtatg gtttctactg aatgcatttt gcttttgcac cattgtaaa 240
 ctgaaaaatc attaaaaatg tagtcgaaga aaaaatggct gaaaactctt caacatttac 300
 gacagacacc aaatg 315

 <210> 1859
 <211> 310
 <212> DNA
 <213> Homo sapiens

 <400> 1859
 tttttaagtg tacgatgaaa ttcacctgtg aagctacatt tgtctagagt tttctctggg 60
 gagaagtttt taaattatcg ctacgtttcg tatatagaat tctctataat tttatttctt 120
 tagcctgttt ttgtaggtta ttgttttccc agcattttgc catttaattc aagt ttgcga 180
 atgtcttgcc atcagattat tcacaatatc actttaccat tctaattgtc acaggggcat 240
 tcccttttta ttccctacat tatttttctg gtgcctcttc cctttgttcc ttttgattag 300
 tctcaccagg 310

 <210> 1860
 <211> 400
 <212> DNA
 <213> Homo sapiens

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<400> 1860
cgttgctgtc gaacaactgc ctcaggatat actcttttta atcagttattg taactaacct 60
tggtcttattt tacttttaga cttgggggttc tatttttgctt taaaacatgt acatcagttt 120
tggtttttgtt ttgtatcttt tctttccttt tttttttttt ttttaaaaaa aagggatttc 180
cctttgcccc cccattttttt aaaagtgggg gggggccccc ttttgcccta actgcagcct 240
tgacctttaa gccctaaagga accctccccc ctcacccctcc aatatagggg ggactatagg 300
accccccccc caccogggggt aaatttttgtt ttttctgaa aaaccaaagt ttcccttgtt 360
ggtgaagctg ggattgaacc cccggggaca aaccaccccc 400

```

<210> 1861

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1861

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attccctatt agtatgacat ttacttttgg ttattagtag gtatgcatta acatgtttaa 60
gagtttccgc tattcctgtt ttatagtggt attgctagaa gtgggttcctg aattttataa 120
aatgcctttt cagcatctat tgataaaatt gtagtatttt tttctctctt aatttggatga 180
tgtaaatgat tagaatggta ggcatttgat gtggaaccaa acttgtattt ctggaaacaaa 240
tactacttgg tcattgtgaa ataagtattt gctacatgag tggattttat ttaccagtat 300
ttaatttaga attattgcat tctcattcca aagtacaatt ggattttggc cctctgatgc 360

```

<210> 1862

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1862

```

cacatacgca tacctaacac atgtgcacac acgatcctgt ccccatcttc ctctccctgg 60
atcctccgag catgcacact gacacagttg cacacatgca tgattgtgca tacacacacg 120
tattccaggg cacacatcca tacacaccta caagcacaga agcatgcaca caccacatgc 180
atgcatactc acacaaaagt gcacgcgatgc atataccact tatatacaca ggacacacac 240
cgtacacacc cacatgcaca catgctcgta cacaagtgca cacatgcata tgccatacaa 300
ttgtgcgtgc acacacacac atatatatac gaatatccca tgcattccaa tgcacacatg 360
ggtacg

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<210> 1863

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 1863

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ggcacgaggg cagtcacatgt acgatgatta ggttgacaga tacatcgatt gcatcagcaa 60
tgtggcgcac gttgggcact gccaccctct cgtggtccaa gcacgacatg acagaaacca 120
gggtgctcaac accaacagcc ggtacctgca tgacaacatc ttggactatg ccgacaggct 180
gtcagagacc ctgcccggagc agctctgtgt gttctatttc ctgaattctg ggtcagaagc 240
caatgacctg gccctgaggg tggctcgcca ctacacggga caccaggacg tgggtgattt 300
agatcatgag tatcacggcc acctgagctc cctgattgac atcagtcctc acaagttccg 360
caactggatg gcccagaagg agtgggtncg cggg

```

<210> 1864

<211> 235


```

<212> DNA
<213> Homo sapiens

<400> 1864
agatggagag ggaaagcatt tggaagacag aaactgaata cacaaattgc aaatatttga      60
aatgaacaag aggtcatttc ctacaaatta taaatgttaa aatgataagg gactattatg      120
agcaaccata tgccaataaa ttgtcattat tagctgtaat agaataattg gccgggcccgc      180
gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggcccgt cacgg          235

<210> 1865
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 1865
acgacagaag ggaccgcgcc cggccgagag ttgactcttc agattcacaa ggtccacaga      60
gaacacctca gaggaaaaat caaaccaaac cttnnaaaaa aaaaaaaaaa aaaaaagggg      120
gggggggttt ttttcggaaa ccccaactgg gaaaaaacct ttgggggggt gggggccacc      180
ccccttggg ggggggggaaa aaaagggttt ttttgggaaa ttgggggggc ttttt          235

<210> 1866
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1866
cgggggattat aatattcaat caacgttatg aatgaaaagt gtattttgct ttatactttc      60
aaacacacaac ttactaacct aatatattca cttattaatc agataatttt gtgttaaaac      120
ttacaactct tatttccatt ggactttgat tgattaatta tacatttgac aaattaaaaat      180
ctcaaacatt tatgcactgt tcacaaactt aaactgtctt aaacatatata agacacaaaa      240
cttatatatt tagcaaatat aattctctga aatttttgtt ttgttttgtt gagacagggt      300
cttgctttgt caccaggcgg          320

<210> 1867
<211> 229
<212> DNA
<213> Homo sapiens

<400> 1867
taaggcccttt gcaattttctg ttttctctgc ctggacgtgc tgtgcgcccc tatactcact      60
tggtctaaccc tcttgctctc ttcagggtcac tgcctcaagt tcttcttacc agagatgcct      120
tccttgacta ctgtctataa aatagtaaat cgggcggg gcggtggctc acgcctgtag      180
tcccagcact ttgggaggcc aaggcgggtg gatcacgagg tcaggaaat          229

<210> 1868
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(417)

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<223> n = A,T,C or G

<400> 1868
 gcctacggct ttcgttaaaa cgacacaaaagg ggcgggtagct cggctcactg caagctccgc 60
 ctccocgggt cagccattc tactgcctca gctcccaag tagctgggac tacaggcgcc 120
 cgccactacg cccgggtaat tttttgtatt ttttagtagag acggggtttc accgttttag 180
 cgggatgggt ctcgatctcc tgacctcgtg atccggccgc ctccggcctcc caaagagctg 240
 ggattacagg cgtgagccac cagcggccgc cggagtaatt ttacaaaaga gacttgtag 300
 taactaccct atccagggtta tcaaattaac atcaacagtg attaaagcga ggtgataccc 360
 tgtgcccggt atattatgtg atgagaatgg cacatttctt ttgagatctt cctcccn 417

<210> 1869

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1869
 ggctaacttt tttgtatttt tagtagagat ggggtttcac tgtgttagcc aggatgggtct 60
 cgatctcctg accttgtgat ccacctgcct cggcctccca aagtgtctggg attacaggca 120
 tgagccacac caccgcagct cccttacatt cttaaaaaat atggagaacc ccaagagacct 180
 ttgctttatg tgggttctat ctattaatat ttacccaaat aatattaaag ccgagagaaa 240
 tttaaagtatt ttcttactaa tttttaaaca ataattttta atataatgaa ccttttataa 300
 gctaagaata gacggagtct cgctctgtcg cccaagctgg aa 342

<210> 1870

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1870
 aatcttggct cactgaaaag tctgtcctct ggggttcaagt gattcacatg cctcaacccc 60
 ccggcccgct cctcaaggta gctgggatta cgggcgcacca acaccacacc cagctaatttt 120
 ttgtattttt agtacagatg aggtctcacc atgtcgggtca tgctgggtact aaactcctga 180
 actcatgcgt ggaaactaat ttaactttcc tcttggaatga ccttttgggtt tactaatatt 240
 attagcggca tcatcacaaa gctgttttta tctttatgaa aatttttagac accatgtttc 300
 tttaaactcc ttctacattg gaggcattgag gatacaatta tccaaaaaat ggt 353

<210> 1871

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1871
 cgttgcgtgc gttcaggggg aaattgaaag atatatattt tagtcgattt ttcaaaaagg 60
 gaaaaaaagt caggctcagca taagtcattt tgtgtatttc actgaagtta taaggctttt 120
 ataaatgttc ttgagagggg aaaaggcaca agccaatttt tcctatgac aaaaaattct 180
 ttctttctct tgagttagag ttatctatat ctgaggctaa agtttaccctt gctttaataa 240
 ataatttgc acatcattgc agaagaggta tctcatgct ggggttaata gaattgtca 300
 gtttataact tgtcgattat tttagctttaa aataaaaaat aataggcaaa gcaatggaat 360
 atttgcagtt tcacctaaag aacagcataa cgaagcggga aa 402

<210> 1872

<211> 324

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 1872
gaagagagag aagagaatga gagagagaca gagaaggaga aagaaagaga ataagggggg 60
gacagagaca gagagaggaa gaaagacaga gaaggaggaa gagagggcgg 120
aagggggggg agagaagaag agaatgagag agagacagag agggagaagag gaagagaggg 180
aggaagagag aggaagagag gcaggaaagag ggggagagag aacaccgatg aaganaggaa 240
taaaggaaata gaggaaggga gaaagaaaaga tctaggaaga gagaggggag aagactgaca 300
atatgcacgc atgggcaaga gagt 324

<210> 1873
<211> 306
<212> DNA
<213> Homo sapiens

<400> 1873
cgcccagcta gttttttatg tttagtagag acaggggttc gccatgctgc ccagggtggg 60
atcaaaactcc tgagctcagg caatccacct gccctggcct ccccatagtg ctaggatg 120
aggcatgagc tactgtgccc agcctactgc tctttcttct gtttacagag gaactgcagg 180
tgctagggat acctggatga atgaaataca gccctgcccc acagtatttt gtggctcgg 240
ggcaatgacc gacctgttac agaggcactt taatagagac tgctatgtgt caaagcacag 300
ctgtgg 306

<210> 1874
<211> 282
<212> DNA
<213> Homo sapiens

<400> 1874
ggaatagctt cctatacccc caaagtcccta ttcaggtctt ggggtacaca ctgccagtg 60
ggcctcttcc ttatcatctc agttagaatc cttttctccc tctatatatt ttgcaacttt 120
aacagttcag ttttttgcca atatatgaa catattttaa gtatacaaat ttatcagttt 180
tgatatctgt aaacatccca tgaaactatc actacaatca agaaaaacat attcttagcc 240
aggtgtggta gctcacacag gtaatcccaa cactttatga gg 282

<210> 1875
<211> 305
<212> DNA
<213> Homo sapiens

<400> 1875
gatgctatgt aagacaacca ttgcagagac acaaagtaat cagattcttg aaggtcaatg 60
caaaagaaaa aaatattaaa ggcagttaac gacaaggggc aggtcacata aagtggaaac 120
tacatcaaac tcacagggga actctcagca atatcccaca gtcagaagac attaagaatc 180
catattcagc atttttgaaa aaataaaatt ttgaaccaag aattttatgt cccaccaaac 240
taagcttcat aaacaaggga gaaataaaat ccatttcaga taagcaaaag ctagggaat 300
ttatg 305

<210> 1876
<211> 365
<212> DNA
<213> Homo sapiens

<400> 1876
ttgaaaggat aaacaaaact gataaactgc tagtctaact aagaaaaaaa aactccaata 60

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aataaaaatag	acaacaataa	agttacactg	caacttatac	aactgaaata	cagaagatca	120
taaggagatta	ttatgagcaa	ctatatacta	acaaactgga	aacctagaag	aaatagataa	180
attcctggat	acatacaatc	taccaagatt	gaatcaggat	gaaacagttaa	atctgaaaag	240
accaataaag	agcagtaaga	ctgaataagt	aataaaaacat	ctgccacaac	agaaaagttg	300
aggacttaat	ggctccactg	ccaaattcta	tcaaatgggt	aaagaactaa	cccatatttc	360
cctaa						365

<210> 1877

<211> 146

<212> DNA

<213> Homo sapiens

<400> 1877

tgctgcctgg	gagacgacga	ccgatggggc	ttgtgtgtgt	agacaggggt	tctcattggc	60
ctgggtgggc	tacatctcct	gatctctagc	taccacactg	ccttggggctc	cccaaggggt	120
ggggattccc	gattgaggcc	caccgg				146

<210> 1878

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1878

cagtcctctac	taaaagacag	aaacaataca	ctgccaaaaa	gttaagtgtg	ccaccgtgaa	60
acttctctat	tggagtgctc	gtttctttaa	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccacc	cagggggatg	cggttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcatc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaagaag	taattcaatg	ttaaaattgt	tattaaggcc	gaaogtgggt	300
gctcatgctc	ataatcccag	gactttggg				329

<210> 1879

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1879

cggtgctgtc	ggaaggagag	aagcgatata	ttgatacatc	ctatgggtat	taaaaagcca	60
atagaatatt	atgaataatt	ttatgctaatt	aaatttaaca	acttcaacat	cataaaacaaa	120
ttccttgaaa	aataaaaagt	accaaaattc	attcaagaag	aaatagatac	cagcctgagc	180
aaactggcaa	aatcccatct	ctacaaaaca	tcaaaaaaaa	aaaaaattag	tgggcggggg	240
ggggggacc	ctgaaatccc	actttgtctg	gaggttaaa	gggaaggata	acttgacccc	300
aggggggtaa	gggatcgggg	ggcccttggt	ctccccctgg	ccttttacc	tgggggaaaa	360
aaaagaaacc	cccgcctcaa	aaaaaaaaaa	aagtgaataa	tttgga		406

<210> 1880

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1880

gatcccatcg	attcgcatc	cggtgctgtc	ggagctcctt	atctgtctga	gaatggggac	60
cagctctgag	tgggggtgct	gcctgtattc	cctgtttctc	aggaacttac	atgggtctgg	120
ggaggtctag	taggtgattg	tacgtggttg	ctcttctcct	tggctggggg	aggtaagtga	180
cagatctctg	tgggtgtgga	gcttgttggg	gggatgtcta	ggaagcttca	gcttagccac	240
attcccaagt	ttaggtgcat	tgagccatct	agcccaggtg	atgcattgtg	gggtgtgttc	300
atgcacacac	acactctctc	tctgtctctc	ctgtctctct	ctcactctta	ctttcttact	360
ctcttctcag	gtcacttgtg	cacttggttt	cctagtagaa	gctca		405

<210> 1881
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1881	aggatgatcca	cccacctcag	cctcccaaaag	tgctagaatt	acaggcctga	gccaccatgc	60
	ctggcaattt	ggttttcttc	aaaatagagc	ctgagataag	aattttgggt	gcaggtaggt	120
	tatttgggag	gtgatcccag	gaagcagaag	tgagcagaca	gagagaatga	gataagggaag	180
	gaacaacagc	agtataagaa	tgctttcttag	aggattcttc	tgagggcact	gtgaggttaa	240
	ttctgccata	atctcttaag	aaccacagag	aggccaggcg	tggtggctca	ctcctgtaat	300
	cccagcactt	tgggaggcgc	aggcaggcgc	atcacgaggt	caggagag		348

<210> 1882
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1882	tactgtcttt	agaaaaacgc	agaaagggtcc	actaagggcgc	ggatccatcc	actaaccaac	60
	ccaccatccc	attcatcaat	tgcccatcta	ctacttcttc	caccaatctc	tcacatccatc	120
	cgctcttccat	ccattcacct	acctatttat	caattctatga	accagctcat	ctaccactct	180
	ctccaccagc	ctaccagata	ttacaatatt	aactaatcca	tccaaccatc	tatacttcca	240
	tcattcatcc	accaaaccat	ccataatcct	tcattccatc	caccatctat	acatttccag	300
	ccacttaacc	accaaagaac	ccattcacta	atccattaaa	ctattctatc	atgtatccct	360
	ccaccaaccc	acccatccc					378

<210> 1883
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1883	agactcccaa	gtagctggga	ctacaggcac	agtcaccatg	cccggtcaat	ttttgtattt	60
	ttagtagaga	cagagtttca	ccatgttggc	caggctgggtc	tcttgacctc	gtgatccgcc	120
	agccctcagc	tcccacagtg	ctgggattac	aggcgtgagc	caccgctctc	ggcctatttg	180
	tattttgggg	ggccaaaggct	tggttttggg	cccaagctgg	agtggagtcg	gacactctgt	240
	gctcactgca	gcttccggcc	actgtgttta	agatggacct	tgccgctcac	cctgccaccg	300
	aactggagac	tatttttgcg	ttgcaagcga	gaccactgta	t		341

<210> 1884
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1884	cacatacaca	tacctcacac	atgtgcacac	acgacccgtg	ccccatcttc	ctctccctgg	60
	ttcccccggt	catgcacact	gacacagttg	cacacatgca	tgattgtgca	tacacacacg	120
	tatccacagc	cacacatcca	tacacaccta	caagcacaga	agcatgcaca	cacacatgca	180
	atgcatactc	acacaaaagt	gcacgcacgc	atataccact	tatacacaca	ggcacacacc	240
	cgtacacacc	cacatgcaca	catgctcgta	cacaagtgca	cacatgcata	tgccatacaa	300
	ttgtgcgtgc	acacacacac	atataatatac	aaatatccca	tgcatccaca	tgacacaca	358

<210> 1885
 <211> 138
 <212> DNA

<213> Homo sapiens

<400> 1885
ctgactggaa ttaattaaac taacctttct ttgccttact acgtgcttac cacagtgaag 60
gtaccctccc tagccaggcg ggggtgactta tgcctataat cccatcactt tgactgactg 120
aggcagggtga atcacctg 138

<210> 1886

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1886
agttgtttct tttatcaaa agaggtgcta gaggcctctg caaaaaaatt ttcatttatg 60
tctcacatcg ccacaccttg gtatagagaa aactgggaaa gccaatccag tacttagctt 120
tccaggctct atgatggcaa ttgtcaagga gagggttaga aatgtgtgtt ggggcaggac 180
acggtggctc atgtctgtaa tcccagcgtc ttgggaggcc aaggcagggt ggtcacctga 240
ggggaggagg gtctcaatct cttgacccta tgatctgaca ccttcggctc cccaagagag 300
taggactacg ggcattgg 317

<210> 1887

<211> 81

<212> DNA

<213> Homo sapiens

<400> 1887
acgacagaag ggtgcggctg ctagaatacg accgaggggt catcttttaa tagcaagaat 60
catatttttt ttccagtacc c 81

<210> 1888

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1888
gagcaagact ccatctcata gggaaaaaaa aaaaaaaaaa gccgggcccg gggacttaaa 60
ccttgaatcc caggcttttg ggagggcccg ggggggggta caaaaggcca ggaattcaaa 120
accccccccg ttttagggga accccccttt tttaaaaaaa aacaaaaatt aattgggggg 180
ggggggggcg cccctggaaac ccaatttctt ggggggggtg gggcaaaaaa atctttaaac 240
cccagggggg ggggtttcaa gagcccaaaa ttcccccat tgtccccaat tggggggaaa 300
aaacaaaaat tttttttaa aaaaaaaaaa aaaaaaaacc gggggggggg cgggttaaca 360
aaaaaagaaa attccccacg gcccg 386

<210> 1889

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1889
atcaactgct atgacgggtc acaatgtcag tataccagaa ggaatagaaa actgatactg 60
ttttaataaa tctgtcattg tacctttttt tttttgctga actacattct atgggaagtg 120
gg 122

<210> 1890

<211> 383

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1890
cggtgctgtc gaaggagaag aagatgatga tgatgatgaa gaggaggaag gattagaaga      60
tattgacgaa gaaggggatg aggatgaagtg tgaagaagat gaagatgatg atgaaggggga      120
ggaaggagag gaggatgaag gagaagatga ctaaatanaa cactgatgga ttccaaacctt      180
ccttttttta aattttctcc agtccctggg agcaagttgc agtctttttt tttttttccc      240
ccttggcccc cccccccctt gttttggggg ccttttttct ttcccccggg ctccccattt      300
tttggggggg aaactccttg ggcgccaccc cctggggaaa aaacctcccc ccttttttgg      360
tcagagccca tctttttccc ccn                                     383

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<210> 1891
<211> 335
<212> DNA
<213> Homo sapiens

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```

<400> 1891
ggagatgctt ttctctctgc atgttaactc acaactcatt cctaatactg gtggtcttaa      60
tccaaactgac taaatagctt ttctccccaa ggaactaacg tagttacttg agagaagagt      120
ttaatccagc ttctcctgct tggcaaaagg ttttttttca tcagagggtga gctgacttca      180
ataagggatc ttacaacatc ccaagggtctt attttcattt aagaaatttg gcggggcgcg      240
gtggtctcac cctgtaatcc cagcactttg ggagggccgag gcgggtggat catgaggtca      300
ggtgatcgag accatccttg ctaacaaggt gaaat                                     335

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<210> 1892
<211> 337
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

```

```

<400> 1892
cggggacggc tccgagaaga ctacagatgg gaatagtatt ggtaaaaacc tgataaaaac      60
aaattgtttt ctgatagaat atcactttac catgtaatca atttatgaat ctctccctca      120
caacactatt taataattac tcttataaaa atatgctttg aagtatccaa acctaaagt      180
aaaatgagtc atggaattgt aatggcaata gaaaaattac aatcacatta tcagcaaaag      240
ctgacagtgt gactccctct ttaccaatct ggatgtccag acagtaactg ctgtcttcaa      300
gagactcacc taacacataa ggaatcacat aaacttn                                     337

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<210> 1893
<211> 312
<212> DNA
<213> Homo sapiens

```

```

<400> 1893
gaaactgagt ctcagagaga caaggttaact ggctaataag ttogaacact gtttttccca      60
agactatttg actcaaaaata cagaggaagt ttggtgtgtg tgtgtgtgtg tgtgtgtgtg      120
tgtgtgtgtg cgctctttca tattttactat atagtagagc tctttaaata actctctgag      180
acagaatgaa aatatacacg tgttgggggtg gcgcagtggt cctcacgaat tctccctct      240
ctgtgggggg ccacgctggg tggatcacct ggggccgaga gtgagacacc actctggccc      300

```

qtqqqqqac ct

```
<210> 1894
<211> 325
<212> DNA
<213> Homo sapiens
```

```
<210> 1895
<211> 394
<212> DNA
<213> Homo sapiens
```

```
<210> 1896
<211> 340
<212> DNA
<213> Homo sapiens
```

```
<210> 1897
<211> 321
<212> DNA
<213> Homo sapiens
```

<210> 1898
<211> 129

<212> DNA
<213> Homo sapiens

<400> 1898
gaaagtccag catcacttat tatttggcag tgcctctcat gcaatttaac acatcaaata 60
aggctaatta gtttaacttt cctcttggta ccaggagaaa aaattaattc ttttgacctt 120
tttcatggg 129

<210> 1899
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1899
ccagtgggtga atgagacaga cctattcctc accttttgaga cttcaaaagt aggccagatg 60
taggaacaaa acggctgatt agaagcagct gcagtcocga gcactcaca agagaataga 120
aaaggggtga gtgaattcag caccttcaat ggaatatcc atgttcttgc attgggaata 180
actaggtgaa caacttgacc catggaaaaa aaagaaaaag aggggggtga caaacccccc 240
aggagtggca cagagcccaa ggaaccacca ccccaagcca aggggaagtgg tgagtgatag 300
tgtgacccca ctctgttaca aagtaacaag ctaacctcat gatgacagga g 351

<210> 1900
<211> 138
<212> DNA
<213> Homo sapiens

<400> 1900
ggaagattta gcatTTTTTT tcatgtccct ctacgtacct aattctgtaa atagaagttt 60
tttctgttat tttcttctaa gagttttata gttttagctc ttaatgttta ggtgtttgat 120
cttcaaaaag tattttat 138

<210> 1901
<211> 334
<212> DNA
<213> Homo sapiens

<400> 1901
tatgcataag acaaccatgg tgcactgcag ccactaactc ctggcctcaa gtgactcctca 60
cacctcagta gtcccatagt tgggactcta ggggtgtgcta ccacacagca cttaagattt 120
atatTTTTTaa aaaaactgga ggtataacta tataaagtgc aaaaactcta catatacaac 180
ccaaattttag acacatagaa actatatgaa tatatatgta accattatca atataaaaata 240
TTTTTaaat aaaattaatt caaaatatta tattctaaca cactgcctta tggttagata 300
ccataaggca tgtaaaaagt tactacagat aaag 334

<210> 1902
<211> 418
<212> DNA
<213> Homo sapiens

<400> 1902
cgttctgttc gaagaattag aagagaatcc agaaagcaca gtctatgatg attataaatt 60
tgtcaccaag aaagacottg aaaaatttag gtccaccac ctcatgtgat ctctttctct 120
ccgggcatat atgcatgggt ttttcatgga tataagactc tatcacaagg tgaactgat 180
ggtaaatcca ttgtcttatg aagaatatag gaaagataaa atacgacaga aaatagaaga 240
aacacgtgca cagagagtcc agttaaagaa attgccaaaa gttaacaaaag agctggcact 300
taaattaatt gaggaagaag aggagaagca gaaatctaca tggaaaaaga aagttaaag 360
tcttctaat attctcaccg atgatcgatt taaagttagt ttgagaacc ctgacttc 418

<210> 1903
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 1903
 ggcacgaggc cgcctggcctt cggctctctc tgcgaccttc tcgggcccagc gggctcggtc 60
 cctactgcag ttctctggcgc tggtagggca gctcaagaga gtcccacgaa ctggctgggt 120
 atacagaaat gtccagaggc cggagagcgt ttcagatcac atgtaccgga tggcagttat 180
 ggctatggtg atcaagatg accgtcttaa caaagaccga tgtgtacgcc tagccctggt 240
 tcatgatatg gcagaatgca tcgttgggga catagcacca gcagataaca tccccaaaga 300
 agaaaaaatc aggcgagaag aggaagctat gaagcagata acccagctcc taccagagga 360
 cctcagaagag gagctctatg aactttggga agagtacgag acccaatcta gtgcagaagc 420
 caaatttggg aagcagctag accg 444

<210> 1904
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 1904
 accatgttag gcaggatggt ctggaactcc tgaccttggt atccaccac ctccgctccc 60
 caaagtgcct ggattacggg cgtgagccac cgcgccgggc cctgacttc catccttaac 120
 aggaagaagc acaaacacac attgtaaaag tgcataaata taaggagaag tgaaggcatgg 180
 tggcctatct tggcctctac cacattagta gaagagaaaa aataaaataa aataaaataa 240
 taaaaaactt gatggatcct taaactgtaa gaaagaagga ataatgaac cacagaatga 300
 tgaaacaaat agaaaaaaca tagtaatatg gtagatgtca acccacatat atcagtaatt 360
 acattaaatg tagatggact aaagtcaaag a 391

<210> 1905
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1905
 ctcacgctcg taatcccagc actttgggag gccaggtgg gcagatcact tgaaggcagg 60
 agttgagctc agcctggcca acatgacgaa acccactctc taccacaaaaa tacaaaaaatt 120
 agatgggctt ggtggcatgt gccttgtagt ctacatact tgggaggctg aagtggggaga 180
 atcaacttag gccacaggaa gtgggggagt accactgcac tacagcctgg gggacagagt 240
 gaaacccaaa aataaataga caatgatgt cagccatgac tgtttcaaca cagacatat 300
 tgctctttta agaaaaaaac ccttcacgaa tattcatcct ttcc 344

<210> 1906
 <211> 263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 1906
 tcaaatcttt tagccattag agaaatacaa attaaatgag atgccattcc acacctacta 60
 gaataaatat aattaaaaat actcatcatc ttttgtgttg gtgatgatgt agaacaactg 120
 taatttctaa atactgatgg taggaaagta aaatgatata gccactctgg gaaaaaaaaa 180

atggactgtt tcttacaag ttaaatagac ccccatcatt ttacctactt attctactgt	240
tgctctttaa gcagaaaaa gan	263

<210> 1907
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1907	
cacttaaaga aatgagaaaa agaattacaa actaagccca aaataagcat ataaaggcaa	60
taataagact agagttagaaa taaataaaat agagaattaa aaaaaaaa aaggcaaac	120
gggaacgggg ggagggggct aatttttgaa ttcccaccat ttggggaggc caagggaaggc	180
ggacaacaag gccaaaaaat caaaaccttc cttgccaa caaagaaccc cttctttat	240
gaaaaaaaa aaataaactt ggccccgggg gggcagggtt gaaggggcac ttactcgggg	300
gcctgaaaca gaaaatttgt tggaaaccaa aagggggggt tggagggggc ctaatggggg	360
caatggag	368

<210> 1908
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1908	
cgttgtgtgc gcctgttcaa cctcagcaag gttatattcc tccaatggca cagccaggac	60
tgccaccagt accaggagca ccagggaatgc ctccaggcat acctccatta atgccagggt	120
ttctctctct gatgccagga atgccaccag ttatgccagg catgccacct ggattgcac	180
atcagagaaa atacaccagg tcatttttgcg gtgaaaacat aatgatgccca atgggtggaa	240
tgatgccacc tggaccagga ataccacctc tgatgcctgg aatgccacca ggtatgcccc	300
cacctgttcc acgtcctgga attcctccaa tgactcaagc acaggctgtt tcagcgccag	360
gtatttttaa tagaccacct gcaccaacag caactgtacc tgccccac	408

<210> 1909
 <211> 311
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (311)
 <223> n = A,T,C or G

<400> 1909	
caacacgaga agtaatgcag gtactttaag gagctaagag ggaacacaga atctcagccc	60
tataacaagg aactgtatga gcatagaaac attctctctc tccccagta actttatcaa	120
aactcttaaa aatttccctc ctttggcaca aacatatgga cacttttctc actccagagt	180
aaaggaaatga tgaactaaaa tgaaggattt atacggggtg gggtgggtca tgcctgtaat	240
cactttgaga ggctcagggt ggccggattgc ttgagctcag gagatcgatc agcctgggca	300
acatggtgaa n	311

<210> 1910
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1910	
agataaaaat taaaacataa aattaaaaaa tttttgaaa cgaatgtttc agacatacaa	60
aactgaaaag aatcatcacc agtagacctg cactacaaga actgtttaa gaaattcttc	120

aggcagaaa	gtaattgtac	caaataaaaa	tatgatccca	caagagaaa	aaagagcatc	180
caaatcggtg	aagaggaagt	catactgtca	ctgtttgccg	atgatatgat	ctttgacaaa	240
gcaaacaaaa	acataaagt	gggaaagcac	accctattca	acaaatgggt	ctgggataat	300
tggcaagcca	catgtaggag	aatg				324

<210> 1911
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 1911						
gtttagtgga	atgtgaaata	gacatcctat	ctaaagggca	tcttgagtat	atctaaattt	60
aaaacacacg	taccgtttga	cctaataatc	ccactttttt	ttttcttttt	agactgagtc	120
tcactctgtg	gcccaggcta	aagggcagca	gcttaatctc	ggctcactgc	aacctctgcc	180
tctctgggac	aagagattct	ctgggacctc	accttccaag	gagctggaat	tacagaggcc	240
cgctcccca	ccgactgat	ttttggattt	ttagtaaaac	ctttttggac	acctggaat	300
ccaagcaca	cgtcataat	ttatatccac	tctttcaca	aaacttttct	ttcttttttg	364
ttagg						

<210> 1912
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 1912						
cggtgtgtgc	ggggcattat	aagtaattaa	agatgattta	agtatatgga	aagatgtata	60
taggttatat	gcaagtaactg	tgccattttta	tataaagcac	ttgaacatca	cagattttgg	120
tatcaatgag	gggtgtctgaa	accaattgcc	catggatcac	aagagacagc	tatatgtgtt	180
tcaatgtgta	ctctctcttc	ttaaactcagt	tcttaagcat	atagtattct	tatagctata	240
caactagtgt	ctatcagacc	ctaaactatg	gtaggccctc	aatacatttt	attgttatag	300
gtagatagat	aggcatgagt	agggcaggag	agggctctcc	ctccaccac	tagaaatgtc	360
aagtgtatgt	ttaaaaattg	tg				382

<210> 1913
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1913						
aaccaatgtt	tccaactgca	tctgtttata	aagagagagc	aaattttatt	aaacttatgt	60
aaataattct	tgccataaaa	aataagaata	ctcatggata	gtttctgaat	tttagaggaa	120
tcaaataggg	acaaaaaaa	tgtttccacc	tttggtcaca	aagtatacca	aattactgta	180
aaactaataag	tagcttaaga	gaaagaaaag	gtttccctaa	agctagaaaa	caaaatattt	240
aaataaagaa	cctggctagg	catggtggct	catgcctgta	atccagcac	tttggaggcc	300
cgaggctgagc	aaatcaactg	aggtcagggg	ttcagacca	gctgggccaa	c	351

<210> 1914
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1914

ttttgccttc	agaagcttcc	ctgaaaaatca	cgaataggag	gcagataaat	agtagaaaaag	60
gcatacaggt	ttctgcaatg	tgtgtacacc	ggagacgtta	gaactaagac	ccagacacac	120
gatgcgtgca	gaagcttato	taccacatga	agtttacaga	aagaatgggg	tcttggatca	180
cagggaaaaa	ataaagggtta	tgtgagaaaa	cgaccctggc	tagcaacagt	ggacttattg	240
cataggtgga	atctcactag	gagcagtcct	cagagagaat	aaacagaana	tgtttcttcc	300
agacctttgg	agacctcaga	ctctcattta	agcttttcta	gatccagaca	aaggggcaga	360
cctcagagaa	agcctggctg	catcaaggca	gatn			394

<210> 1915
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1915						
tacggctgct	agaagactac	agaagggtac	ggctgctaga	agaccacaga	agggaaatgat	60
attattagat	cactgaagca	gaaaatttagc	aaagatat	aggacctgaa	atcagcactg	120
aaatcagaca	gaaaacactc	ctcaacaaat	gcacaaaaaa	aaaaaaaacc	ggaattttta	180
acaccccttt	taaaaccaca	ccccattcaa	tttaaaactc	aaaacggaca	agccctttta	240
aaatcttccc	tttaaaaaaa	tttggaaaaa	ctggctcctg	aaggactctg	ggaaaaatatg	300
gatttttaag	caaaatccaa	aaattttttt	gaattttatta	aaaataaggg	gcccaacttca	360
caaaattttt						369

<210> 1916
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (363)
 <223> n = A,T,C or G

<400> 1916						
cggttgcata	ggcacaaggga	gattaaaaaa	caatctgctc	attgctcctg	agctatttga	60
attttctctc	taactaaggt	atgagctcct	ggagctctta	aatgtctatg	ccaaggtctc	120
aagccagaag	ccacagctac	aatccggcct	ggagataggt	gtggnattga	cgtgcacact	180
gtacaaaaca	aacaatatcc	attgtttcaa	agatcagatt	tcacataaaa	atgtggatta	240
tcacaatttc	ttttctttgc	ttttaacttt	tagagacagg	cttgatatgt	tgctcagctg	300
gatcttgaaa	tctctgggctc	tagtgatcct	tctgctttat	cctcccaagc	aggtttgttt	360
tac						363

<210> 1917
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 1917						
atacacatga	catttttttt	tctttttttt	ttttttgggg	ggggaatcct	octtttggcc	60
ccaagctgga	ggggaagggg	cccaattcgg	ttaaacttca	ggccccctct	ccgggtttta	120
tcacattttc	tggtctaaac	ctccaatgga	gcggaaataa	ggggccccgc	caccaacccc	180
aagatatttt	ttaaaaattt	taaaaaaaa	aggggtttac	cccgtttaac	ccgggagggt	240
tagactctcg	gaaccaggga	attaccccc	ttggcccccc	aaaggggggg	gaatcacgga	300
ttagccccc	t					311

<210> 1918
 <211> 319
 <212> DNA

<213> Homo sapiens

<400> 1918											
gaagacttac	ttacccttaag	tatatatgca	cccaacattg	gagctcccg	gtttataaaa		60				
caattacttc	taaacccagg	aagagactta	gtcacacaac	aacagtggag	aacttcaata		120				
cccactgac	agcatttagc	agatcatcaa	gttataaaac	taacaaagaa	attctggact		180				
taaaaattga	acacttaacc	aataggacct	tataaatata	ttaagaatat	ttcaccctaa		240				
caccacagaa	tataaaataa	tcttatctgc	acatgaaaac	gactctaaga	tcaaccacat		300				
aatcattcat	aaaaaaggc						319				

<210> 1919

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1919											
cgttgtctgc	ggaacagaat	agagagcccc	aaaataggct	tacatgaata	tggccacctc		60				
tctctgacaa	aagaacatga	cagttcaagg	gaggaaggat	aatcttttca	gcaagtggcg		120				
ctggaaat	gggacatcga	catgcaaaaa	aaaagaatct	agaccatcc	ttacccttta		180				
acttcaaatg	ttaaaataga	ttcttttttc	cttcgacctc	gagcccttga	caaaatggat		240				
cttaaaccta	aatgtaaaac	ccaaacacta	taaaactcct	agaagacaac	ataggagaac		300				
atcttaggtga	ccttgagttt	ggtgatgagg	ttttagatgc	acaaaaagca	taatccatga		360				
aagaaataaa	ttggacttaa	atgaatttaa	aacttctgga	agcag			405				

<210> 1920

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1920											
gagtggttgc	agagacgtga	agccaaaact	aatagaactg	aggaaaaata	gacaaattca		60				
caatacagtt	ggagccttca	gaacttctcc	ctcagtaata	aatagaagta	gacagaaaaa		120				
tagcaaggat	atagatgaag	tgaacatcac	catcaaccac	ctgaaatgct	atagagcctc		180				
acacccccaa	acagcacaat	acacattctt	ttaaacccac	gatggaacat	tcaccagcac		240				
agaccattat	ctgaatcaga	aaacttaaat	ttataagaat	tgaagcctg	caaagtatga		300				
tctgacaata	atgaatcga	catagagaaa	tgctagggtc	tgaggatgtg	agaagataca		360				
gtctat							366				

<210> 1921

<211> 248

<212> DNA

<213> Homo sapiens

<400> 1921											
aagataaaa	ttgaaatctg	gttaggctgg	tgtaggggtt	ctttgttttt	gggggttgga		60				
agagatgtgt	ttaaattgtat	gtttttaaaa	tagtatcttt	gattattttg	tttgcattgt		120				
gttaatttag	tttaattttg	gtgcggtcct	ggcatattgt	catttttttc	ttatgggtct		180				
atggaagact	tgcccatctt	tcacacgttt	gttggttaacg	ctctgggttg	tggtatccta		240				
tgattcag							248				

<210> 1922

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1922											
gtgggtgtgtt	aaaagggtat	tggttcattt	tcacgtattt	gtgaatttgc	cagttattct		60				

tctgttatta	atttctaggt	ttattccatt	gtaatcagaa	aaatgggttg	catgatttcg	120
gctttttta	atgtattaa	acttggtttg	tagccaacat	atggcctatc	ctggagaatg	180
tttcatgtat	acttgaaaa	aatgtgttgt	tatcggaggt	attctgttgg	ctctaattgg	240
ccttcaaac	ctttggttc	tggtgataat	atatctcagc	acactattca	taattggaag	300
tggtgtacta	aaatctccga	ctgtttatcc	tatgaaaaag	acactttcac	atgg	354

<210> 1923
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1923	
tgagtagcta	caaaaagagac cttatggcct gcaaaggcta acatatttac tatctggccc 60
tgtagacaaa	aagtttactg gcccctcttc taaggcatga tttattattg gatcgttccc 120
agcatggagc	acttctgtcc cttgctgtct tcagctcttc ttcctaaccac tgctgtagaa 180
tagaggaaac	tgagccatga aaagactatt tcaaatgtct agagagagtg ggattagagt 240
tcacatgggc	ccctgagttc gtgacattcc cctcaagcct ggggtgagat gctggcgata 300
tcagccctt	agagaacaag cgggtggaatg gaagggagga aatcat 347

<210> 1924
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1924	
tttgtgagtt	tttaatacaa tatgtatgtc attgtttctc attttattta tgccataatg 60
cgtctgtgtc	tcacacatag aaaattttgt cattgatttt tttttcactt tagtttagaa 120
gaataaaaat	tccttataag aaattgttgg ccaggtgtac tggctcagc ctgtaatccc 180
agcacttttg	gaggctgaga tgggaggatc ctttgaactc aggaagttcaa gaccacgctg 240
gataacatag	tgagatccct tctctatcaa aaatacaaaa aattatccag gtgtggtggg 300
acgtgcctgt	agtcaccagc gctcaagagg cgggaagtagg ac 342

<210> 1925
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 1925	
aggggctgga	ttgattgata tatggaaatg taatcacagt tttccaggaa cccaaatctt 60
tatctcccc	aggagcagcg tttcagaatt cacaaataaa gtgcttgagg tgactttata 120
gaacataact	attgcatata acaagaccta aatgcattcc tttctaagtg gaaatctaaa 180
cacagagttt	gaaaatttag gtaacactaa attccccctt cttgtacttc ataagtaacg 240
aagtatgagg	aaattataaa aggtgtataa gtgggttttg cattgtgcta ccaatgctaa 300
tggaagatg	acn 313

<210> 1926
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1926	
gtgggcaaaa	ggtgtagca tttcccttga gaatcagaag aagacaatga tgcccactct 60

caccactcct	gtccaaaata	gtattggaac	cctagccaaa	gaaaccaggt	aagagaaaaga	120
aataaaaggg	atccaaagag	aagagaggaa	atcaaaactat	ctctgggttg	agatgatatg	180
attctatacc	tagaaaatca	atcatctctg	tctgaaagcc	ccttgatctg	atttaaaaaa	240
aaaacttcag	cagaatttca	agatacaaaa	ataatgtaca	aaatcagtag	cattctcata	300
caccaacaac	atccaagctg	agagtcaaat	caataatgta	atcccattca	caatagccac	360

<210> 1927

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1927

cagcacatga	aaggattata	caccatgac	aagtagaatt	tatctctagg	atgcatagat	60
atttcaacat	aatcaatcaa	tgtgactcac	tacattaaca	gacaacatga	taatcccaat	120
atattcagaa	aaagtatttg	'acaaaattcc	acataggctc	atgggtttaa	aaaaaatctc	180
tcaacaaaat	agataaagaa	caaaacttact	gcaacacaat	aaagaccact	tatgaaaagc	240
tcacagccaa	catcataatc	agtgaggtaa	acgtttttcc	tctgagatct	agtacaagat	300
gatgttgccc	actctc					316

<210> 1928

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1928

gagttggaga	agggggagcc	ctcatgaact	ggctgctatg	aatacaaaaat	gatgcccttg	60
ctgcagaaaa	caatttgggt	gttcctcaca	gaatgagcat	tgggtgaaaa	atgaaatcaa	120
gatggaaaatg	taaaaaattt	cttcgaactg	gatgacacaa	cctatcaaga	cctttgggat	180
acagcatagg	cactgctaag	agcaaaacttt	gtagtctcaa	aaacctcaga	caaaaagtct	240
gaaagagcac	aaatagacaa	tctaagttca	cttctcaggg	aaatagagaa	acaggaacaa	300
gccataacca	atccccatc	acacaggaaa	tacccaagat	cagagccgag	ctaaatgaaa	360
t						361

<210> 1929

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 1929

gccatcatat	gttctcattt	atttgtggga	tctaaaaaat	aaaacaattc	aactcatgga	60
gatagagagt	acaagatggg	taccagagac	tgggaagagt	agtggggaaa	ttgggggagg	120
tgtggggagg	ttttttntnt	ttntttntnt	gggtgacgag	aagaccttat	ggagcggtta	180
attattattg	caaggggtac	ctaaaaacgg	ataggggttt	aaggaaacct	cctgggggtta	240
atattttcca	ttagggcgatc	ttctgtgggg	aaacccacct	tccgagcagt	catggcgttta	300
attccccaat	tgaaggcgaa	cttctatttc	tttattggct	ggaaaaaatt	ggtcgacg	358

<210> 1930

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1930

gttatgctat	atggcaagg	agaattacag	ttgcagatgg	aattaatgtt	gctaatcagt	60
tgaccataaa	atagggagac	cataatatgg	tcaataggag	tttaccataa	agctaggttt	120
tgtagtggg	agggaggggtg	tagtgtattc	agaaatatcc	tgcccgggca	cggtggctca	180
cacctgtaat	ctcagacctt	tgggaggcca	aggcaggcca	atcatgaggt	caagagttag	240
agaccagcct	gaccaacacg	gtaaaacccc	atctctacta	aaaatacata	agtttagccag	300
gtgtggtggt	gcaocgctgt	aatcccagct	actcagga			338

<210> 1931
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 1931						
agaatcgctt	gaacctggga	ggtggtggag	gttgtagtga	cccaggatca	tgccattgta	60
ctccagccta	ggtgacaaga	gcgaggctcc	atctcaaaaa	aaaaaaaaaa	aaaaaccaaa	120
ccctttgggt	tttgttggtt	tttgaaaaaa	agtttaattt	tgctcccccag	cttaaggggc	180
agggccggga	tgtggcctaa	tgtgaaatttg	aactccgggc	ctaaggggat	ccaccacact	240
aacctctcaa	aagggtctgg	tttatgggct	tgacccattg	accccagctg	gaaaccttta	300
actttttaat						310

<210> 1932
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (342)
 <223> n = A,T,C or G

<400> 1932						
agagggcagg	gcttacaggg	ctgtcaccc	tattctccgc	tgagctgttt	taacacgtag	60
ccatccgcag	atggcagctt	ctaaaagagc	atataattgt	acagaccccc	agacactacc	120
atggggccag	agcccaaaaag	tgctcacccc	agctcctaca	cctgcccctg	cccatctggc	180
tgctctccct	cccataaagg	ggttgagcac	gtgtcgccca	agcaaacgag	cttcacccct	240
gtcacaagtc	ctgagaggag	tcaggggaact	ctcccatctt	attctgacac	aggtggggact	300
cagcattctc	agaccttcaa	agccctgttg	ggtggatgtg	gn		342

<210> 1933
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (283)
 <223> n = A,T,C or G

<400> 1933						
atcaatgaag	gattgataaa	agttctcctg	gtgtctccgc	agagtgcctt	ccaggaacag	60
atctttgcat	agaatatcag	tgggttccct	ttttgtttca	aatagtgttc	agaaaatacc	120
cagtggtgac	tcaccaaggc	aatacagotto	ctttttccct	ttttttgttt	ttttttaaca	180
ttttatattt	ttgctttatt	ttatttttatt	ttatttttatt	ttatttttatt	ttatttttatt	240
ttttgagacg	gagttccact	ctgtcgccag	actggagtg	agn		283

<210> 1934
 <211> 383

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<212> DNA
<213> Homo sapiens

<400> 1934
cgttgactgtc gcaaatattct tctgtctcag accatagtcc taattactta agaaaacccc 60
ttctaactgt gtggatcttt taacgtatgg tgcacatgag tgcattggaaa tgagagaacc 120
tgggtgacag agtgaggcac tgtctccaaa aaaaaaaggg aaaaaaaata aatttttttt 180
ggcttggatg aaggggggggc taacccttta ttcccacctt ttgggaattt tgaggttggg 240
ggatcatttg acctcaggag ttggaaccaca ccctgggcga cacagggaaa cccattcttt 300
acaacacttt aaaaaaaat ggcccgggcc gggggggtta ccctgtattt tccagccttt 360
gggaaggcca aggcggccgg ttt 383

<210> 1935
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (317)
<223> n = A,T,C or G

<400> 1935
tgtcaccagc ggactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60
cactcttggg aacacagaag agacatcaac agcaggaact gaaagtctta cccagtgac 120
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180
ctctatccaa gacacatcag cttcttctca gaaccactgg actcggagca cgcagaccac 240
caggggaattt caaaccagca ccctaacaca cagaaccact tcaactcctt ctttctctcc 300
aagtgtacac aatgtgn 317

<210> 1936
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1936
tgtcaccacac acactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60
cactcttggg aacacagaag agacatcaac agcaggaact gaaagtctta cccagtgac 120
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180
ctctatccaa gacacatcag cttcttctca gaaccactgg actcggagca cgcagaccac 240
caggggaattt caaaccagca ccctaacaca cagaaccact tcaactcctt ctttctctcc 300
aagtgtacac aatgtgacag 320

<210> 1937
<211> 386
<212> DNA
<213> Homo sapiens

<400> 1937
cgttgactgtc ggtaaatgtg tctcagaaag aattgcttgg tccaccagag gcaaaagagag 60
cccaggggccc tgaggaagag gagattggga gccctgagcc catggcagct ccagcctctg 120
cctcccagaa actcagcccc ctacagaagc taagcagcat ggaccoggcc atgctggagc 180
gcctcctcag ctgggacgct ctgcttgccct cccaggggag ccaggggggc cctctgttga 240
gtacccccaaa gcgagagcgg atggtgctaa tgaagacagt agaagagaag gacctagaga 300
ttgagaggct taagacgaag caaaaagaac tggaggccaa gatgttggcc cagaaggctg 360
aggaaaagga gaaccattgt ccaca 386

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<210> 1938
 <211> 349
 <212> DNA
 <213> Homo sapiens

 <400> 1938
 gtctacatat acacatatgt ctatacttgt gtttgatgat tgtctacatg gtaccaaatt 60
 gccgtacaac taaatgagta atcaaaaatt aaataaataa gcccaaatat ttttcaagtt 120
 cttgtgactt gagtaaatct ttttgtaaat atgagtagct taatatagtt ggtttaataa 180
 aaacaaatgt cttttgactt atcagcaaaa tatgcatgta tttaatgtta aggtgattgc 240
 ttttatgata cttagataac atatgataat attaatagca aaatgggttaa tacaaaaatt 300
 aagctgagat gatggctaga tttgtctaac ggctcatgaa atttttcca 349

 <210> 1939
 <211> 341
 <212> DNA
 <213> Homo sapiens

 <400> 1939
 gaataactcgt gaataaaact tgcaaaaacta tttgtaaagt actataagga attctgagaa 60
 gttactataaa gatagaaaag aatataggag catgcccaag ccatatatat gatgtttcac 120
 gtaatatgct tggtagactt gtaaaaatatt ttagatgtgg ttagaggaata aatctttgat 180
 gtaatttgtt tttttgtata tgtatatgat tttgaaattt gagacagaag ctataccatgt 240
 aaccaggctg gaatgcatg gaaccatctt ggctcactgt tgcctgcagc tacctgggtc 300
 aagtgtatct tctttttttg gccctccatg gagcatgaga t 341

 <210> 1940
 <211> 342
 <212> DNA
 <213> Homo sapiens

 <400> 1940
 cctccccacc ctctgttttt ttctttttct tctctctctt tttttttttt ttaaaaaaaa 60
 ggggggcctct ggcgggggtg gccaggcggtg ccaacatccc aaattcccaa attcccccg 120
 gcctaagggtg atcctctaac ctaagccgcc ctttccaatt ttgacccac cccagtaaa 180
 aataacttgt ttggcccgcc cagggggggt caggacggaa accccaccat ttgggggggc 240
 cggggggggg aaaccactg accccaggag tttggggcca cccggggcaa caggggggaga 300
 cggcctctcc taaaaatccaa aaatttcccc gggggggggg gg 342

 <210> 1941
 <211> 311
 <212> DNA
 <213> Homo sapiens

 <400> 1941
 cctgtggtgt tattgtatag acacatatat atatatgatt ttgtgcattg ttctgggtc 60
 aaactcccat ggcggtttgt ttttgttaga acagttcttt attagaacag tctagtaaaa 120
 cagttctaac agtcttttgt tagaacactg ggtgtgttag gcctcaagaa acggaccctc 180
 tccagcctta ttttggccta gtttcaactg cccaaaggca ggtctctaat cttccctgc 240
 ctttttgatg ggggtgata agactgtacc cagaggcgga acgcggtggt tcatgctgt 300
 aaacctagca c 311

 <210> 1942
 <211> 327
 <212> DNA
 <213> Homo sapiens

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<400> 1942
gattataatc aagtgtaggc ttcttgaatt ttgacatcct tttagaactt gggctctggaa 60
ttccagaaat gttaattgct gcttgtatct gttctgtgtt gtttttttagc cagtatttgc 120
ccttttctatc cagccttatg aataatagca gtaaaatcac agtatcttgg tcagtcctta 180
ttttttcctt tttttctttt taagagacag tcattccaggc cagagtggag ttgtatgata 240
gcttgctgaa gcttcccact cctgggctca agttatcctt ccattttggc ctcttgagta 300
gctagaccat aggtatgcat caccaca 327

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<210> 1943
<211> 325
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

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<400> 1943
cggttaaggag ttttccact tgaataaaaa aaatgctaga cagcaacatg atggcataga 60
aaagtatgaa actcattggt aaatacaaat atatatagcaa atactgaata ttacttgaat 120
gatggagggt aacacacttt taattcaact gtacatgtta aaagacaaaa ttagttaaaa 180
taactataaa taaatatatg tgaaaagata taccatagta ataatgaac atagtgcaca 240
caataatata aagtgtaggg agaaaataag ttagagttagc tggatacaat tgaacataag 300
ctgttatctg cttaataagg actan 325

```

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<210> 1944
<211> 322
<212> DNA
<213> Homo sapiens

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<400> 1944
attccttatt tgaaaaagag caaagtgtct catatcctca atatcagtc accaetgaac 60
ctaaatccag tttgggtcaa acagcactgt gottatacca ttgctaagta tggatgtgtc 120
atgtatgtgc ttggaatggc agaagaattt aaaggtgaaa ttgcagtcaa tgcattatgg 180
cctaaaaacag ccatacacac tgctgtcatg gatattgctgg gaggacctgg tatcgaaagc 240
cagttgtagaa aagttgatat cattgcagat gcagcatatt ccattttcca aaagccgaaa 300
agttttactg gcaactttgt ca 322

```

```

<210> 1945
<211> 330
<212> DNA
<213> Homo sapiens

```

```

<400> 1945
ggctcaagag gaattgctca ggaaagggat agtggatgaa ttcttccgc tgtgtcaaaa 60
ctaattgata tggactcaac cacagggata tcccagagac tcctatggaa cactagcaaaa 120
ttttgtgttt ttgttcagtc cgacatgggc tggccctcat cttgcagctc tgtaatTTTT 180
caatttacac ccaacaaatg aacttgagca ttgccatccc agctatgggtg aacaacacag 240
ccccacctag ccagcccaat gcctccacag aacggccctc cactgactcc cagggtact 300
ggaatgaac totaaaagaa tttaaagcaa 330

```

```

<210> 1946
<211> 384
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 1946
tacgggtttcg agttgacgac agaagggcctt aaagacaagg atactttcca agaaatgctt    60
ccttacacaaa ttttggcatt gtgtgaacat cgaacagtggt gttgacgtaa acctacatgg    120
tatagcgtac  tgtatagtat agatagccca ggggttcctt atctctcagc cagcggtatca    180
gtccatcacc  tgttaagaac caggccacac agcagtaggt gatcagcggg caagctagca    240
gagcttcac  tttatttgca gctgctccca ttgcttgcat tacgcctga gctccacctc    300
ctgtcagatc agcggtagca ttagattctc ataggagcac aaacctatt gttaactgag    360
catgggagct atgtatggac atan                                     384

<210> 1947
<211> 361
<212> DNA
<213> Homo sapiens

<400> 1947
tcaaaagaaa gttgtaaccc tgtgatatga atccacacac cacagagcag tttcatggat    60
aactaacccac tttctagtgt taactgggaa tacccttttt ttcccttatt actcaatgaa    120
ctgcagaatg  tccttttgca tattccaaaa agagtgttct caacctgtgt aacaaaaata    180
atacttaac  tctctgagct gaatccacat atcacaagg agttttctcag ataggatctt    240
tctagttttt ggctgaggat atttggtttt tcctcatagg cctcagaggg cttcccaatg    300
tctcctcaca gattctaaca aaagagtgtt tcaaacttgc tgaatcaaaa gaacatttta    360
g                                     361

<210> 1948
<211> 393
<212> DNA
<213> Homo sapiens

<400> 1948
ggcacgaggt tgggtagaga cgggggtttta ttctgtttag ccaggatggt cttgatctcc    60
tgagctcgtg atccgccttc cgcctcggc atctcaaatg gctgggatta caggcgtgag    120
ccacggcgcc cggacttctc tcttttttaa gcaagcctg ttagaatggc ttggatctcg    180
aggtggcgct ttaccgcacc tccgagggct ctgcagccgc tgcgggagaa tgacctgtgc    240
ggatattttt aggtgctgtt gagcgcgccc cctgcgcaag taccgcgcca tcaaggccct    300
gatgcggcca gaccgcgccc tcaagagggc ggcgctggtg ctggtgctg tgcagatgct    360
ggcgtgctgg ctggtgcgcg ggctggcctg acg                                     393

<210> 1949
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 1949
cagcacacca acatggcaca tgtatacata tgtaacaaac ctgcacgtta tgcacatgta    60
ccttagaacc  taaagcataa taataaaaaa taataaaaaa aataaaaaa aatgaagct    120
cctttttttt ttttttttta aaaaggattt ccacttttgt ggccaagctt gatggngtg    180
gncnnaaac  tatcataaac tttagtcccc cttctcaact tgaatcttcc cagaaaaaac    240

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cactcccgt	tattaccga	aataggagaa	aaaagttaa	tgggaaaaca	aagtgttct	300
ttattccta	aaaagag					317

<210> 1950

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1950

aaggggtc	cctgcagag	atctgtgcaa	ttaaaacac	ccacagctga	accgttcagg	60
ggctggcaat	ttttttttt	ttttttttt	aaaaggagct	cggttttgt	ggccaagggtg	120
ggggggaaaa	ggggcaattt	ttgtttttg	aacccttaac	ttccgggtt	aaagggaagg	180
gcccacttaa	gtttccgggg	aagttaaaac	aaaggggcca	cacaaaaaa	tcgggcaaat	240
ttttaaattt	ttgggggaaa	cgggagtttc	gttttgttcc	caaggtgggt	ttcaaatctg	300
ggggtaaaag	gaacctccg	gcttgggtt	ccaaaaggc	ggggataaaa		350

<210> 1951

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1951

ggcacaggga	agagcaaccg	agatgattgt	gaagatgctg	agccggaaac	cggaacaatta	60
gtcccgccga	accaagttgg	acttacagag	agttccaaga	aactatgac	ctgctttaca	120
tcctttttag	gtccacagag	aatataaag	agctttaaat	gctaccaaac	tggaacgagt	180
atttgcacaaa	ccattctctg	cttcgctgga	tggtcaccga	gatggagtca	attgcttggc	240
aaagcatcca	gagaagctgg	ctactgtcct	tctcggggcg	tgtgatggag	aggtttaaatt	300
ttggaatcta	actcagcgga	attgtatccg	tacaatacaa	gcacatgaag	gctttgtacg	360
aggaatatgt	actctctttt	gtgggacttt	ctttttccac	tggtggggat	gacaa	415

<210> 1952

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1952

gatttgaag	gaatgaggat	cctgcactct	tctccctca	gtaagtaaat	gccagtcctt	60
aggaagagag	aacaaaaatg	tctaccggac	cagatgtcaa	ggctacagtg	ggggacattt	120
ccagtgtatg	caatttaaac	gtggctcaag	aggaatgctc	caggaaaggt	tttgtttcag	180
tcgcagatgg	gtcggccctc	atcttgcagc	tctgtaattt	ttcaatttac	accacaacaa	240
tgaactctag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	agccagccca	300
atgcctccac	agaacggccc	tcactgact	cccagggcta	ctggg		345

<210> 1953

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1953

gccagtcctt	aggaagagag	aacaaaaatg	tctaccggac	cagatgtcaa	ggctacagtg	60
ggggacattt	ccagtgtatg	caatttaaac	gtggctcaag	aggaatgctc	caggaaaggt	120
tttgtttcag	tcgcacatgg	gtcggccctc	atcttgcagc	tctgtaattt	ttcaatttac	180
accacaacaa	tgaactttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	240
agccagccca	atgcctccac	agaacggccc	tccactgact	cccagggcta	ctggaatgaa	300
actctaaaag	aatttataag	catggttaagt	taatgagact	ct		342

<210> 1954

<211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1954
 aggcgtgctg tgcaaatggc acacctgggc caaccaatct tttgtgccct atgtaaatca 60
 gacacccgct cctcaaaact atttataaaa cctgcatttc actgcagaag tggcaatcca 120
 ttttctccag ggccccctctc tgttcagaga gctcttttct ttgcctgtta aacttctgct 180
 ctgaacctca ttctttgtgt gccggcgctcc tagttttccg tggccatgag accacgaatc 240
 tcaggtattt accccagacc acagtgcgtgc ttcattacca cgttctcgtat tccataaggc 300
 ccagggcaga ttgaacctta agttcagttt

<210> 1955
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1955
 caaaggcaaa gatgttacag aaaaagagaa gaatatagat ttatatcctt tatgaattat 60
 gatgcaaaaga cgttcaacaa atactcacia attgaattta acaatatatc aaagattat 120
 acatgatgat caaatgagat ttattcctgg aatgtatggc taattcaaca tacaataaaa 180
 caataaatgt aatacaccac attaacaata taaaggatta aaaaaagacc atttcaata 240
 ctgcagaaaa agcttttgac aaaattcaac actcttgcat ggtaaaaaca gtcaacaaac 300
 taggaatata aataatgtcc

<210> 1956
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1956
 ggctgctctc tggccaactag agccaggcag tcacctagct gctgttatgc tgcataacctg 60
 tctctgagta ctgccttcac ccactcggcca gggctctgtgg gacagaccag gcaggctggg 120
 ccccatgtga ggaacgctgc aatggattgc aagggaacct ctgaaaaaca atgtgaagt 180
 actgagcagt gttaacctta gaagactaga acctaatgag ttatggcaaa cagatgttat 240
 gcacgtccct gaattttgaa aactaaaggc ctctttggat tccagcacga ggcacaaac 300
 cataccatgg catgggtagg aac

<210> 1957
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 1957
 gaaagaaaaga agaaaagatc ttgtaaaagt ttccac0caa aacattttca ctttgccaca 60
 accttcaaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120
 ccgagtaaaag tatagcagga gtatgaacta ccatttatta aatgcttatt atgtatcaag 180
 taccatgctg agttctttat gtcactctcat atatttatt tgagacaggg tctcactctg 240
 tcacccaagc tagtagtgca caatcatggc tcactacagg cttgacctcc tgggcttaag 300
 catctctccc cctcagctc ccgagtanta anactacaga tatgtgccac cactg 355

<210> 1958

<211> 172
 <212> DNA
 <213> Homo sapiens

<400> 1958
 caccatcaaa gtcattatta ccctcactgt cgacccaaca caggcatgct catgtgaaga 60
 tgcgaaaaaaa cgacagaaaag gaacggggggc gtttttttga tagatcgcaa cgggggagaa 120
 acctttggggg gagggggccc gccccccttt atgagggggg ggaaaaaatg gt 172

<210> 1959
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1959
 gaggtgcccc agctactgag ggtctaagtc cgggcagccg aagagtgtgg ttagcaagat 60
 gaacaaagat gcgcagatga gagcagcgat taaccacaaag ttgatagaaa ctggagaaaag 120
 agaacgcctc aaagaggtgc tgagagctaa attaatgaa tgtggctgga aggatcagtt 180
 gaaggcacac tgtaagaggg taattaaaga aaaaggacta gaacacgcta ctgttgatga 240
 cttggtggct gaaatcactc caaaaggcag agccctggta cctgacagtg gaaagaagga 300
 gctcctacaa agaataagaa catttcttgc ttaacatgcc agcc 344

<210> 1960
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1960
 gaaagaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60
 actttcaaag ctaccettta tctactcttc acactccaaa taactactaac aacttttaact 120
 cgcagtaaaag tatagcagga gtagtaacta caatttataa aatgcttatt atgtatcaag 180
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240
 tcacccaggc tagtagtgca caatcatggc tcactacagg cttgacctcc tgggcttaag 300
 catctcccca cctcagcctc ccgagtagtt aaaacta 337

<210> 1961
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1961
 ggctgatgcc attttcagcc tcagcacgcc tgcacccagg cgctcattaa aacagcatgt 60
 tgctccccac tgctcgtgtg tgtctgttgg cgcgctgacg ggggtcgaac cgatacaaga 120
 acctcccaac tacctggtgc tttggcctca tctataagct tttccactgt cctgaaacaa 180
 gatagagaat ctgagcgggc agtcactctgc cctaagtgtc gccgcogaag actgaatgtc 240
 ctggaagagt tgctgtcaca tctccattat gacaaaagca tgcgcggaa cagatgaaaa 300
 aatgcattgt caacggaatc ttttatgttt ggttgtcttc ctttaagc 348

<210> 1962
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1962
 tgggtatata taatttacag aaagtctatg tgtaaatcat tgactgactt aactccgact 60
 gatcactctc tgtacggaac cacctaatga gatctttttg cctgacacct agatagagcc 120
 cattaccaag acagaggaat tacaatacag agtttaatcc atatagaatt ggctaataatg 180

gagattcaag	ttttattatt	actcagatca	ccttttccaa	aaatccagag	ggtaggggtt	240
tctaaacacg	gtttgttggg	cagcgggtcta	aggaatgagg	aaagctgatt	ggttgtgttg	300
cggataaaat	cataggggtt	aaaactgt				328

<210> 1963
<211> 137
<212> DNA
<213> Homo sapiens

<400> 1963						
tgtaataaaa	gttttatttg	aacagaaaca	cactcctttg	tttacatagt	ggctatggct	60
gcctttgtga	tagaatagca	gaattaattg	actgtgccaa	agattgtaca	gccagtaaaa	120
taaaaaatat	ttactgg					137

<210> 1964
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 1964						
ctcctctttc	caggtgctcc	cagagcctca	caggtctggc	tctcgggcac	gtagcaagct	60
ctttccctac	ctttacttcc	ttttcattcc	cttttttttt	ttttaaaact	aatgggggca	120
aggttaacat	ataaaaaaat	cccttttttt	ggaaaaaaga	aacaaggggt	tttaagaacc	180
tttaccatt	agggcaatta	taacaggccg	gtttaaaaac	atggttatgg	accaaaaaaa	240
ccccctcggc	gggggggggc	cacctgaagt	cgggaggtaa	aaaccgacgc	gaccaacagg	300
gggaaacccc	atctttacaa	aan				323

<210> 1965
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1965						
gctgctctct	ggccactaga	gccaggcagt	cacctagctg	ctgttatgtc	gcatacctgt	60
ctctcagtag	tcgtctcctc	catcgccagc	ggtctgtggg	acagaccagg	caggtgtgtg	120
cccatgtgag	gaacgctgca	atggattgca	agggaacccc	tgaaaaacaa	tgtgaagtga	180
ctgagcagtg	ttaaccttag	aagactagaa	cctaagtgtg	tatggcaaac	agatgttatg	240
cacgtccctg	aatttggaaa	actaagcacg	aggcatcaaa	ccataccatg	gcattggtag	300
gacccaaccc	ggtacaaaaa					320

<210> 1966
<211> 363
<212> DNA
<213> Homo sapiens

<400> 1966						
ggataagcta	caacataaac	acatctaggt	tctgtgtctt	agaatacacg	atgaagaatt	60
tgctttcttc	tttcttctca	acattttcat	gtgagatoca	gaaaggacac	attgtctctg	120
gccattcgaa	gaaagaaaaga	aagaaaaaaa	aaagggtttt	tagagaccga	gagagaaaaa	180
ggctgaaatt	gggttcgctg	gttctaaaaa	tccgcaaaac	aaacaagccc	aagttctctt	240
tttgggaatt	gactcagctg	ggaagtctac	tctcctttat	aaattaagcg	ttgctaaggga	300
tattaccacc	atccctacaa	taggtttcaa	tgtggaaatt	atcgagttgg	aaaggaattct	360

ttc 363

<210> 1967
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1967
 oggggttctt gttcttagaa tacagcatga agaatttgct ttcttctttc ttcttaacat 60
 ttctcatgtga gatccagaaa ggacacattg tctctggcca ttctgaagaaa gaaagaaaaga 120
 aagaaaaaaa aggtattttag agacagagag agaaaaaggo tgaaatgggt tcgctgggtt 180
 ctaaaaatcc gcaaacccaa caagcccaag gtcttctttt gggacttgac tcagctggga 240
 agtctactct cctttataaa ttaaagcttg ctaaggatat taccaccatc cctacaatag 300
 gtttcaatgt ggaaatgaac gagttggaaa ggaatcttct actccagtc tgggatgtgg 360
 gag 363

<210> 1968
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1968
 tataacagga actcaaagac aatgcacagg gctataatct aagaacagat gtattaacag 60
 ccttactcac tgaaggctg ggaacccttg aagccaggca ttatatgcac attctcaaat 120
 atgatgctct agttaaagcc ttggtaatat atataaccaa tgtttccaac tgcactcctg 180
 tataaagaga gagcaaatct tattaaactt atgtaataaa ttcttgccat aaaaaataag 240
 aatactcatg gatagtttct gaattttaga ggaatcaaat agggacaaaa aaaaatgttt 300
 ccaccctttg tcacaaagta taccaaatat ctggttaacta a 341

<210> 1969
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1969
 tacggctgct agaagacgac tgaagggtgt ggtacattca gacattgtaa tattaccac 60
 tgctaaaaag aaatgtgcta ttaagctatg aaaagacatg gaaaaaaatg cattttaacta 120
 agtgagagaa gccaatctga aaaggctaca tagtataatg ttccaagtac agttgactct 180
 tgaacaatac aggttttgac tgcataagac tacttataca gggatttttt ttcagtaact 240
 acagttggcc ctctgtgtct gtgggttctg cctctgcaat gaaacatgga tagaaaaattc 300
 agtattagcc tgggcaacaa aatgagaacc tgtctctaca aaaaatttaa aaatttagct 360
 gggcgcagtg gctcacacct gtan 384

<210> 1970
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1970
 gaaaacattg ctcttaactc caccgcctac cccaaaacct ataagaacta atgataatcc 60
 caccacactt tgcgtactct ctcttcggac ttagcccgcc tgcaccggcg tgaataaacc 120
 agccttggtg ctccacaaaa gcctatttgg tgggtctctc acatggacgt gcatgacatt 180

gggtgctgaa	accggggaca	ggaggactcc	ttcggggagac	cagtcgccctt	ccctgtgctc	240
cgccctcaact	ccttgaggag	atccacctgc	aacctcggtg	cctcagacca	accagcccaa	300
ggaacatctc	atgaatt					317

<210> 1971

<211> 299

<212> DNA

<213> Homo sapiens

<400> 1971						
aactgttggg	ttttgttagt	attctctatt	atttttctat	tctccattct	acttatttct	60
actcttattct	ttattatttc	ttcccttctg	gtagatttgg	gtatgggttt	tttcttttct	120
tttttccaag	tttcacaatc	tgtagattta	ggttggtggg	ttgacgcctt	tcttatcttt	180
aaatttaaatg	gtgtatagct	ataaattgcc	tcgtttgcac	tggttttcaat	gtttcccata	240
cggttgggtat	ggtttcttct	atgtgcattc	atttttaagt	atttttctat	ttcccttggg	299

<210> 1972

<211> 285

<212> DNA

<213> Homo sapiens

<400> 1972						
ggtttatcagc	caagagtttg	tatctagtga	aactaagcat	catatcacgaa	ggaagatac	60
attcttttttc	agacaaacaa	atgctgagag	tattttgccac	taccaagcca	ccactatagc	120
aaactgctaaa	aggagctcta	aatcttgaaa	caaatccagg	aaacacatca	aaacagaaac	180
tcttttaagc	ataaatctca	caggacgtat	aaaacaaaaa	taccatttag	aaaacaaaaa	240
aaaacaaaaa	ccaaggtata	caggcaacaa	atagcacaat	gaatg		285

<210> 1973

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1973						
tacgggtccca	aaaaacaaca	aaagggtccg	gttgcaaaaa	aacaacaaaa	gggtccgggt	60
gcacaaaaaac	aacaaaaggg	tcgggttgca	aaaaacaac	aaaagggtcc	gggtgcaaaaa	120
aaacaacaaa	aggggtcttt	tttcaaaaaa	ccacacaagg	ttacgcctgc	atgcagacca	180
ctgaggggtc	cctctgtgac	aaaaccatca	acctttacgg	ctgccccaat	accaccaatg	240
ggtagctctg	cgccaaaact	acagacgggg	acgggtgtgag	acctcaacag	aagggtatga	300
ttttt						305

<210> 1974

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1974						
ggcacgaggt	gagccaaggt	cacgccactg	ccctcctgcc	tgggcaacag	agcgagattc	60
ttatctccat	aaaatgaaac	aaagcaaaac	aaagggagag	agaatggagg	ttgcctgtta	120
ctgcatcata	atcttgttta	tgctgactga	tgcattagag	gtactaatgg	catgagagga	180
acaatttctt	gagacacagt	ttactgacca	tgaatttctt	caaaaaccca	gagagcaggc	240
ttctcaggag	gagactcagt	gtggaatccc	ttgccaaggt	agaccctggg	tctgtagcag	300
gacgagccgc	agacaaatct	cctcaagaca	cgggattaaa	gaaggaaaaa	gtttatttgg	360
ccaggagcgt	cagcagattt	gtgtctt				387

<210> 1975

<211> 368

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 1975
ggatgccatt ttcagcctca gcacgcctgc acccaggcgc tcattaaaaac agcatgttgc 60
tccccactgc ctogtgttgt ctgttggcgc gctgtcgggg ttcgaaccga tacaagaacc 120
ttccacctac ctgggtgcttt ggccctcatct ataagctttt ccactgtcct gaaacaagat 180
agagaatctg agcggccagt catctgccct aagtgtctgc gccgaagact gaatgtcctg 240
gaaagtttgc tgtcacatct ccattatgac aaaagcattg tgcgcgaacag atgaaaaaat 300
gcattgtcaa cggaatcttt tatgttttgt tgtcttcctt taagcaacat tgccttactt 360
gttataaan 368

<210> 1976
<211> 339
<212> DNA
<213> Homo sapiens

<400> 1976
gtggggcacg cctatatctc cagctactca ggaatgctgag atggggaggat caactggggcc 60
tagggaggatc gagggctgcag tgagctgtga tctgtccact acactccagc ttgggcgaca 120
gagtgagacc tcatctcaga ataatatgaa ataaaaataa atataaaaata aaatactata 180
aggagtccct taggctgaaa ggacaacaaa ttagatggct agttgaatcc acacagagaa 240
ataaagagca ttggcaagg tcatctgata gataaatata cagtataaaa atatataggg 300
ttactctttc cttcttttaa ctaaatataa agatgaatg 339

<210> 1977
<211> 342
<212> DNA
<213> Homo sapiens

<400> 1977
ggctgatgcc atttttagcc tcagcacgcc tgcacccagg cgctcattaa aacagcatgt 60
tgctccccac tgctctgtgt tgtctgttgg cgcgctgtgc ggggttcgaac cgatacaaga 120
accttccacc tacctgggtgc ttggccctca tctataagca gcttttccac tgcctgaaa 180
caagatagag aatctgagcg gccagtcac tgcctcaagt gctgccgcgc aagactgaat 240
gtcctggaaa gtttgctgtc acatctccat tatgacaaa gcattgtgcc gaacagatga 300
aaaaatgcac tgtcaacgga atcttttatg ttgtgtgtgc tt 342

<210> 1978
<211> 406
<212> DNA
<213> Homo sapiens

<400> 1978
cgttgctgtc gaaatggggc tgagtgcagt ggctcatgcc tgtaatccca gcaactaggg 60
tgccaatgtg gattacctga gccacaggagt ttgagaccag cctgggtaac agtgagaccc 120
ccctccctac aaaagatttt aataattagt tgggcgtagt ggtgcacgcc tgtaatccca 180
gctactctgg agacagggtg aggggattgc ttgagcctgg gaagctgagg ctgcagtagc 240
catgactgca ccactgcatt ccagcctggt tgacagagtg accctgtctt ccaagaaaaa 300
aaaaagcaaa tgggattaa gactcatgga atgggaaggg gaaagggagg tcttactata 360
tgtggaataa acttgctcag tgttgcacac gaggttacatt accaat 406

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<210> 1979
<211> 357
<212> DNA
<213> Homo sapiens

<400> 1979
ggatttttgat agggattata ttgaatctgt agatcaattt gggagaattg ccatcttaat      60
gatatttaagt cttccaattt atgaacttag gatgtctttc tatttactta ggtcttcttt      120
aatttctttt ttttttttta aaaaaaaaaa tccccctctg ttacctccct gggacccccg      180
gggctcaagc agccctctcc tttcaccccc ccaagaagtt agggcccccg gggccccccc      240
ccccctctat ttctgggggg aggaaggcac tccccattt tctctctttt agaaatctgg      300
gtcgcccaat ctgccccca tttcgctctc cctccttttc ttgtctctc aacctct      357

<210> 1980
<211> 361
<212> DNA
<213> Homo sapiens

<400> 1980
gcccaactggc ggggactggac agatcacccg agaaaactaa caaattctcg acttaaatg      60
aagttttgac caaatggacg taatacacac gtacagaata ccctacccaa caaccacaga      120
atcacacattt tactcatctt tgcattgctct aaaaatgacc acatgctcag tcataaagca      180
agtctcaata aattcaaaaa agcagaaatc ataccaagca tctgtttgga ccacagttga      240
ataaaattag aaatcaatac caagaataac tctgaaagcc acgtaaagta atggaaatga      300
aacagtttgc tctgtaatga cgtttggcta aacaaaatta aggcagaat acaaatttt      360
t
t

<210> 1981
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 1981
cacatccatg aatgtcaagc gtcctctaaa tgaggaccac attgtttaca acactaaaaa      60
tgtagaatgt gtactcaatt tagttgataa acatttttga atattaagct attaaaaatg      120
gcagatcatt aaaaaacata gaacttcaa ttccaatctc tagtaaatgt tcacattcaa      180
aaatatgtag tatttttaaa aattcagatg gggttttact aggttgccca gaaagatctc      240
aaactcctgg cttcaaggga agagtttaat cctgccccag cctccaaga agatgggatt      300
ataggcatgc accactaacc ctggcctata aatacattt n      341

<210> 1982
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 1982
ctctcaggct gtgtgagcca ttgagaaga tatacagcag agggaatact tcgtatgtca      60

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ttctatgaag	ttcacatcac	ccatttacca	gaaccagact	aacaatgttc	ccgaaaaaaa	120
ttacagatta	atatctctca	tgaccataaa	tgctaaaaatc	agaatatggg	gacatcaatc	180
ccacaaatatt	ataaagagaa	ttatacggcca	ttaccaaga	aatttttttt	tcagggtttg	240
taagactggg	tcacacttca	aaagttgatt	aatatgattc	atcacatgaa	aaagtataat	300
gagaaaaacag	tacaatcata	tccttagatt	cagagagagc	atttgacaca	atccacn	357

<210> 1983
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 1983						
ggctgatgcc	atcttcagcc	tcagcacgccc	tgccccagg	cgctcattaa	aacagcatgt	60
tgctccccc	tgctctgtgt	tgctctgttgg	cgctctgtg	gggttcgaac	cgatacaaga	120
accttccacc	tacctgggtgc	tttggcctca	tctataagct	tttccactgt	cttgaaacaa	180
gatagagaat	ctgagcggccc	agtcattctgc	cctaagtgtc	gcccgcgaag	actggaatgc	240
ctggaaaagtt	tgctgtcaca	tctccattat	gacaaaagca	ttgtgccgaa	cagatgaaaa	300
aatgcattgt	caacggaatc	tttn				324

<210> 1984
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 1984						
gctctttacc	ctcattggcg	cttctctcct	gcagtcggcc	tctgggccct	gcgcatttc	60
ttgagactta	aagtggcatt	ctaaaaggcaa	tttaaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaaagg	ctcacaagac	agcgcaaatg	tggtctttgt	aagtcataat	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaaacca	gaaggtggca	gcgcattcata	agtgcatgct	240
cttttcattc	gctttgggtat	catcacactc	tgataatgaa	agtccttggtg	gattttctat	300
tgaaatgg						309

<210> 1985
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 1985						
gctctttacc	ctcattggcg	cttctctcct	gcagtcggcc	tctgggccct	gcgcatttc	60
ttgagactta	aagtggcatt	ctaaaaggcaa	tttaaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaaagg	ctcacaagac	agcgcaaatg	tggtctttgt	aagtcataat	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaaacca	gaaggtggca	gcgcattcata	agtgcatgct	240
cttttcattc	gctttgggtat	catcacactc	tgataatgaa	agtccttggtg	gattttctat	300
tgaaag						305

<210> 1986
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 1986						
actttaagat	ttatatgaaa	aggaaaaagc	attagaataa	tcaggagttt	tgaaaaagaa	60

aaatgaagct	gaaaagaatta	cactaaccga	ttttgagatt	tgctataaag	atacattaat	120
caagacaata	tggtgttagt	gaaaggatag	acccataaat	caatggaaca	taatagaggg	180
tccagaaata	aatccacaca	aatatggttg	attgattttt	aaaaagtgcg	agaattctga	240
aaggtgaaag	acagccattg	ctacaaatat	gccataacaa	acaaaaaagc	cattcttgac	300
ttatacaata	ctctatgatg	g				321

<210> 1987
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1987						
tcaaaagaaa	gttttaaccc	tgtgatatga	atccacacac	cacagagcag	tttcatggat	60
aactaacacc	tttctagttt	taactgggaa	tacccctttt	ttcccttatt	actcaatgaa	120
ctgcagaatg	tccttttgca	tattccaaaa	agagtgtttc	caacctgctg	aaacaaaata	180
atacttttaac	tctctgagct	gaatccacat	atcacaaagg	agttttctcag	ataggttctt	240
tctagatttt	gtctgaggat	atttggtttt	tcctcatagg	cctcagaggg	ctcccaaatg	300
tctctcaca	gattctacaa	aaagagtgtt	tcaaacctgc	tggtgaaaa	gaaaaattta	360
actcc						365

<210> 1988
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 1988						
cggtgctgct	ggataaaata	aggggtttta	ttcccagcta	tctctctcaa	atttttaagag	60
agatgttatg	gactgtgctc	tcocccacaac	ccggcccata	agtgcgatgt	tgaagttctt	120
acctctagta	ccttggactg	tgactatatt	tggaaacagg	gcctttaaag	agacagttaa	180
gtgaaaagga	ggcctttagt	atgggacctag	tgtaatctga	ccagccctta	tcagattaat	240
aaagttaaat	acacagaaag	ataccacaga	tgcattagcg	caaaggaaag	accatgtgag	300
cacacgaaga	gaaggcagcc	ataggcaagc	caaagacagt	ggccttagaa	gaaatcaacc	360
ctgcagctac	cttgatcttg	n				381

<210> 1989
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 1989						
gctaaatcta	tccccatacc	cactcgacct	tactacgcta	caaccttagc	caagccattt	60
actccattaa	atgttttagt	gatacaaat	gtgtcttttg	cgcccttaag	tattgtttcc	120
ggtg						124

<210> 1990
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)

<223> n = A,T,C or G

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<400> 1990
caogtgtggg ggcttaacgac tcttaggtgc ccccttcaaa aggcctttgt ttgcgaatca    60
tgagatccta atacttaaac cgtccctcacc atcatgtgga aaccatgtct ttactacaac    120
tactgcattt attctattgt tctggctcac atctgtagat cccaactgct ctggaggctg    180
aggcaggaga attgcttgag cccatgaagc ataggttgca gtgagccgag atcattccat    240
tgcgctccag tctggcgaca gaacaagact ctgtctcgna aaaanacatt ataaannmnt    300
tttgccggcc tttttttcta aattg                                325
```

<210> 1991

<211> 380

<212> DNA

<213> Homo sapiens

```
<400> 1991
cgttgctgtc ggtgaaccac cgcgcctggc tgagataggt tgttttttga attaaactatt    60
cttttttttt tttttttttt tccgaaccaa aatttccttt ggggtccccc ggctggagggg    120
ccggggggcca aaaaataaagg cttctgggac ccttggcccc ccagggttag gggattcccc    180
ggccttaatt tcccaagcag gggggattaa cgggttgggc cctcccccgg gggggatttt    240
gttttttggg aaaaaacggg gtttttcaat gggggccagg cgtgttttga atctccacc    300
ctgggggggac caccctctct tgggcctcca acggcccgcg gctaccagct gcgcccccca    360
ctccatgca ctgcagctcg                                380
```

<210> 1992

<211> 352

<212> DNA

<213> Homo sapiens

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<400> 1992
accacaaaagc atgacatata gaaaacaaat aacaaaatgc agaagtcagt ccttccttat    60
ctgtaattac attaaatgtaaatgaattaa aaggcagaaa ctggcagaaac agatgaaaga    120
aaaaacaagt ccaactatgc acagctctaca agatactcac tttggattca aagatgcata    180
taggttgaaa ggagaaggat gaaaaaatat attccatgca aaaaaacaagg aacaaaagag    240
tggctatact aatatcagac aaaaatagact ttaagacaaa attgttgggc caggcacagt    300
ggctcatgcc tgtaatcttc agcacttttg gaggccgagg caggcagatc ac                352
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<210> 1993

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

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<400> 1993
ggcacgagcc gagatgaagg tgaagatgct gagccggaat ccgacaatt atgtccgcga    60
aaccagtgct gacttacaga gaggttccaa aactatgat cctgctttac atccttttga    120
ggtccccaga gaatatataa gagctttaa tgcataccaa ctggaaacag tatgtgcaaa    180
accattcctt cgttcgctgg atggtcacgc tgatggagtc aattgcttgg caaagcaatcc    240
agagaagctg gctactgtcc tttctggggc gtgtgatgga gaggttagaa ttgtgaaatct    300
aactcagcgg aattgtatcc gtacaataca agcacatgaa ggctttgtac gaggaatatg    360
tactcgcttt tgtgggaact cttttttcac tgttggtgat gacn                        404
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<210> 1994


```

<211> 398
<212> DNA
<213> Homo sapiens

<400> 1994
cggtgtctgtc gctattattc ctgagaattt gttatattag gattagcaaa aacaaagctg      60
attggtaata taactaacat aaattgcttg gtaactttat ttttttaaga ttatggttta      120
gcggtgtgtca cattttatgg agttaattct acagtgtataa gttttagctt gatttttagca      180
tttcagtgac ttgctaataa aataaataat ttaccacat tgtcctatac cattttcttt      240
gacaacagtg agctactgtt ataattaagg cagtaattac tattgagaaa ttactgaag      300
caggtagaag aagatagatt gacttgttgt ttctctttaa cagaaggatc aaacccagc      360
agatgtcaag cagcagtgaa gcaagatgta tgtggccc      398

<210> 1995
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1995
aatctgagcg gctgcttctt tttttttttt ttttttttaa aaagaaatcc accttttctg      60
cccagactat gaaggcaagg gggccaaccc agatgaatgg atccctctgc ccccggggtg      120
aaagaatttt ttgccctaac cctccaaga agtgggatta aaggccctcg acacaatgcc      180
agggttaatt ttgtgaattt aaaaaaaaaa ggggggttca atattgtggc taaggcggtt      240
ttgaaccccc gaccgggggg accaccccc ttggcccccc aaagggttgg gattaacggg      300
ttggaccacac gggcgggggc ttcccttggt tttttttaa aaccaattag gggggtgtgg      360

<210> 1996
<211> 122
<212> DNA
<213> Homo sapiens

<400> 1996
gatggcagtg ccaccatgct ggatcttgcc atggactgtg ggggtcaact ggtttatgct      60
ggaccgggtg atgattcttt ttccatgttg gtactttgca tgttggtagt tcgtacaagg      120
tt                                     122

<210> 1997
<211> 368
<212> DNA
<213> Homo sapiens

<400> 1997
agcatgaaga atttgtcttc ttctttcttc ctaacatttt catgtgagat ccagaaagga      60
cacattggct ctggccattc gaagaaagaa agaagaaaaa aaaaaaaggg tttttaaaga      120
cagaaagaga aaaaggctga aatgggttcc ctgggttcta aaaatccgca aaccaaacaa      180
gcccaagttt tttttttggg acttgactca ctggaaagt ctactctcct ttataaatta      240
aagcttgcta aggatattac caccatccct acaataggtt tcaatcgcca aatgatccag      300
ttggaaagga atctttcact cacagctctg gatgttgga gacaggaaaa aatgagaact      360
gttggggg

<210> 1998
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (1)...(345)
 <223> n = A,T,C or G

<400> 1998
 ccactacact aacaagcttc caatgaggaa acaaagttac cagaggaatc tgaagtctct 60
 ggtggccaca gcagcaacaa aactcaacaa tgacaacaa agcaactacc aacatcaaac 120
 acagcccaat tcctagtcag attaagataa attaccatgt caaagggtta ttacacctcag 180
 tatctattac gctatcttaag atgectgact ttaccacctg agatataaag catgcctcag 240
 caagaaaaat cacagtcctaa ggagacaaag caagaatcag aaccagactt agatatgtaa 300
 cagttgttgg aactatcaga caggaaattt aaaaataacca taatn 345

<210> 1999
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 1999
 gcacctttgag gaccattcac ttcttggatg caatcaaaaga acttttccat ctcaacttct 60
 tctcccgatg tccacatagt gccctcctaat gtttcattct catgggttaa agcaactggct 120
 tcaggccgtg aagatcagca aagacactcg ctacgctggg tatttgtatc aggcctgggtt 180
 cctcagagaa ggagaaacta agccaacagg atatttgtgt gagtgtgtgt gtgtgtgtgt 240
 gtttgtgtgt gtgtgtaata tatgtcataa acatctattt actattgtat ggtattttatt 300
 tatgaataat attatatac 319

<210> 2000
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 2000
 agaggtttgag gctgcagtg gctgacatcc ccaactgcact ccagcctagg tgacacagca 60
 agactttgtc cctctgtatt aaaaataata aagattgagg ttggtccgag tacagaggta 120
 tttgcaactg attgattaca actaggtaac gatattgttg ttccctctcc actccactg 180
 ctttacttga ctgagcctaaa aaataataat aataactctc tctatatata tattttagac 240
 agagctcctc tctgtcacc aagctggagt tcaatgggga tgatcacgac ttactggagc 300
 ctcaacacct ccaggctcag gttatccttc caactaact tttctgaaga gg 352

<210> 2001
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 2001
 gagcaccatc cccccctttt tttttttttt ggaaaaggga cctctttttt gtccccccagc 60
 taaaaggggga ggcccgagat ttgggttaat ggaaacctcc cctctttgtt ttaagggggat 120
 tttcttgctt accctccaaa aaaattggga ataacagggg cctgcccccc ccccggggag 180
 atttttgttt tttaaaaaaa aacgggtttc ccgggggggg ccgggtgtgt ttaaacctcg 240
 ggccctaggg ggaccccccc cctctgacct cccaagggtt tgtttttaac ggcaggagacc 300
 cccccccccc 310

<210> 2002
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 2002
 ggctgactct cttttcggac tttagccgcc tgcaccagg tgaaataaac agccttgttg 60

ctcacacaaa	gcctatttgg	tggtctctctc	acatggacgt	gcatgacatt	gggtgctgaa	120
accggggaca	ggaggactcc	ttcggggagac	cagtcctcctt	cccctgtcct	cgccctcaact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaaacatctc	240
atgaatttca	aattggcagc	tgaagactga	tgctgccga	ttgccttga	agccccctcta	300
gaccatcaca	gatgccgagc	ttcgggt				326

<210> 2003
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 2003						
cggtgctgtc	ggtttttttaa	ggcaacatag	cattctacag	cagggttaaat	ctattatcaa	60
gaacagtcac	cctggttaat	aacaagtttt	actgatcagt	tgctgggtgg	ttgggtgggt	120
ggcatgtggg	tggtgtgggtg	tataggttgtg	tggtgggtgtg	tggtgtctatt	ttaccccaca	180
cgtaacctta	tttaataag	agggatggta	actatatcat	aagtctcacc	atgacctgtt	240
ataaatttct	gatggaagct	cgccagctat	gggcctttga	aataccctgc	tgatgtcata	300
ggatcatattc	tcacatgaga	actggacca	agggcttggg	ctgaaactct	gatgttgcca	360
ctgtttgcca	ccttcaattg	gctgcc				387

<210> 2004
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 2004						
ggaggatagg	catgaaccac	catgacctga	tgaagaaat	ttttttaaac	caaaactgttt	60
taaccacaaat	tttaaatccg	agctttcatt	agatgacata	tcagagaaaa	taaagttgag	120
ccatataaac	atgtctcttt	tagccagaaa	tataatttag	attcaatact	ctttttataaa	180
ctgagggtttt	attactatct	atctcattac	tgaagtctcta	aattaaagca	ataagactctt	240
tggtgtgtga	tatatgttgg	atgtgttgac	acataagtag	atatgttatg	ttgtatgact	300
tgctcatata	gtaaaattttg	gcatagttgg	ccagaaatg			339

<210> 2005
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 2005						
cacttcggggc	tcccaaatgt	ctgggattac	aggtgtgaac	caccgcaacc	gacttaacct	60
cttttcaata	taaaattaccg	agcttcagggt	atattctat	agccgtgcat	taacacagtg	120
tctggctctg	tcacccaggg	agaagacagt	gatgagatca	tagctcacca	ctatggcctt	180
gacctctctg	actcaagtgc	ttctcccacc	ttagcctccc	aagacctggg	atgacagtg	240
cccactgcac	aactgggtga	attctttttt	ctatttaaac	agcagggggt	tactatgaga	300
cccagcctcg	tctgcaactc	tgggttcaag	taatcatacc	gcy		343

<210> 2006
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 2006						
tattcctaga	caaaaacctt	actattataa	atatgtcaat	tctaaacaaa	ttgattgata	60
aattaaatat	aattgtcaatc	aaaaatcctaa	cagacttttt	tgaaactcaa	caagcggatt	120
ctaaaatgtg	tatggaaagg	cagaaagaca	agaatagcca	aggcactctt	aaaaaagaag	180
aacaggtcgg	gcattggtggc	tcacacctgt	aatcctagta	ccttggggag	ccaaagtggg	240
aagatagctt	gaggccaaga	atttgagata	agcctaggca	agacagttag	actctgtttc	300

cacaaaaatt taaaaactag ccgggcatg

329

<210> 2007

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2007

aattcacaca	cacccaagca	gacacacact	acaaaaata	catgcacata	tgtaatagaa	60
aacctgtct	tacatattat	taattccccc	aatttgtgaa	aagacagttt	tttaattgtg	120
aataattcag	agttgttctt	atggacaagt	ccatgaaaat	tgcttctact	ttttgttaac	180
tttcattcag	ttttcatttc	tgctcttaat	tttctatggt	cttaaaaaat	acataataaa	240
accacttcaa	attgtttcca	aacaggctgg	gagagggtgg	tcacaccagt	aatcccagta	300
ctttggaagg	ccaagacagg	tggatcatct	gg			332

<210> 2008

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2008

ccctctgaag	acttggaagt	ctggatgggc	ctgagggtgg	gggaggcctg	ttagaagatt	60
ttattttttt	cgtttttctt	tttccttttt	gtgcagaacg	gagtcgcact	aagttgccca	120
ggccgggtcc	caactcctgg	gctcaagtga	ccctcccgcc	tcagcttctc	gaagtgcctag	180
gaagtgagct	atgatcgtgc	cactccattc	tggcctgggt	gacagagtga	gacccctgtg	240
tcatttttaa	aaaggaagct	agtggctgag	caccgtggct	tacgcctggg	atcccagcat	300
tttggcgagg	tggggcgaaa	gcattcattg	aggtttggga	ccattcctgc	cccc	354

<210> 2009

<211> 163

<212> DNA

<213> Homo sapiens

<400> 2009

cccaggagg	tggccggac	acagtggtag	tggctcacac	ctgtaatcct	aatgctttgg	60
gagcctgagg	cgggaggacc	ccttgagccc	aagaagtcaa	ggccacaagt	ggctatgatg	120
gtgccactgg	tcttcgggct	gggcagcaaa	acaaaacctc	ggc		163

<210> 2010

<211> 392

<212> DNA

<213> Homo sapiens

<400> 2010

ggcacgaggc	cagtcaggat	ggtttgctcc	agcacctgct	accgggcaga	gacaaacacg	60
ggacaggaa	cccgggggct	gtatcgagta	caccacttca	ccaagggtga	gatgtttggg	120
gtgacagggc	ctgggctgga	gcagagctca	cagctgctgg	aggagtctct	gtcccttcag	180
atggagattc	tgacagagct	gggcttgcc	ttccgggtcc	tggatatgcc	cacccaagaa	240
ctgggctccc	ccgcctaccg	caagtgtgac	atbgaggcct	ggatgccagg	ccgaggccgc	300
tttggagagg	tcaccagtgc	ttccaaatgc	acagacttcc	agagccgcgc	cctccacatc	360
atgttccaga	ccgaggctgg	ggagctgcag	tt			392

<210> 2011

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2011
 cggtggctgt cgcagcccat tcatgtccac cgaagtctta tcgtactaca ctactccatg 60
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 cactcaccta tccaccatc caccataccta tttgtcaccc atccacccat ccatccatcc 180
 aatcaccat ccaaccatca atccaaacct tttcatctga tcattttoga tccatctacc 240
 cgccaccca ttcactact catccacct cctatccatt tatcagccat ttaccatcc 300
 atccatctat ccatcgagat gtttatttag cacctgtgtg ctgggtccta tttgggagcc 360
 ttgttaacca ccaagacctt cctaggccat attgtggta 399

<210> 2012
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 2012
 actacgactg cgacatgacg acagacaggg acgctgttag ccacaccctc actcataagc 60
 agtggccgaaa aggccttcatt cgagacctgt gggatggcat tgctttaatc atagccataa 120
 tacactgcta taaaactgct ttccacctca cgcgcactcc ttttatgttt cagcttcgcg 180
 gctaggcaac ttaagtcaact tctgtctctc cgctcaggc tagagggcga gcgcttcgcc 240
 gtgggacttc ttctgcctgg ctccgcctct tgcgccggaa gtactcagc cgtacgggtg 300
 gtattgggccc cgtttctgag cagcgcttcc tttttgtccg acatcttgac gaggtgtgag 359

<210> 2013
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 2013
 aggcctgcagt gagctatgat catggtactc cattctggcc tgggtgacag agtgagaccc 60
 tgtctgtaat aaagcaaaaca aacaaaaacc cttgaacagg aaaagctata ataaaataaa 120
 tggaaagtaa caatgatcaa tgccaggcac ggtggctcag gcctataatc ccagcacttt 180
 gggaagccaa ggcaggagga tcgctgggtt ccaggagttc cagactagcc tgagcagcac 240
 agcaaaaatc tctacaaaaa aaaaaaaacc ccagcccggtg ttaaggggtt aacccttgaa 300
 atccaacctt ttggggaggt tgaggcggtt ggaaaaccgg agga 344

<210> 2014
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 2014
 gtctgacagc ctagggttaa ttataatcaa taatctatca tcattaaact gttaataatt 60
 atgtaagatt tttggctctc acataagtta aactggcctg actagcaaat gcatgtaagt 120
 ttttttaata tatataaac tcagggtctc gcttttaatt ctaataaagt cattatggaa 180
 ataaaaatca tttatttagt agatcaagat aatattctca gttgggcatc gtggcacatc 240
 tataatctca actactcagg aggcagggtg gaggactgtt ggagcccgag agttcaagac 300
 aagactaggg aacatagta ggcctgtct cattaaaaa a 341

<210> 2015
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 2015
 atcattagat tggagagcgg ccaaacacct aaactatatg aagctaaagt ctgtttaaga 60
 aagagcccat ccaggctggg tgtgtggct catgcctgtg atcccagaac tttggggggc 120
 caagggtggg ggtatcatg gtcaggagat cgagaccatc ctggctagca tggtagaagg 180

ccgtctctac	taaaaatac	aaaaataat	tggccggcg	tggtggcg	ttcctgtgt	240
ccagctact	caggaggct	aggcaggaga	atggcatga	cccaggaggt	ggagctgtga	300
gtgagccgc	attgcgccac	tgacctccag	cctgggcgac	ag		342

<210> 2016

<211> 340

<212> DNA

<213> Homo sapiens

<400> 2016

agcctgggca	acagagtaag	actctgtctc	aaaaaaaaat	aaaaaaaaaa	aaaggggaag	60
aaaaacccca	attgataaat	ttaccaaaaa	aggacattaa	ccggatttta	ctttacttat	120
ggccaaaagg	gaaaaaaaaa	acataggctt	taagggaaaa	cttgattgtt	gtaaaaaaa	180
ttaaaaaaag	gccaaataaa	acttttaggg	ataaacccgg	ccgggggggg	cccatccctg	240
aagccccacc	tatttgggag	gctaggcgga	aaaattgttt	aaaccagga	gggggggggt	300
acaaagagcg	gggatcgcc	cattgcactc	caccctggca			340

<210> 2017

<211> 275

<212> DNA

<213> Homo sapiens

<400> 2017

ggcagaaatc	aaaagcaccg	accagatagg	aaaaaaacag	acaaattaga	cttcaacaaa	60
actcaaacat	cgtgctcttc	aagaggaact	tttaggccag	gcgcagtgcc	tcgatgactg	120
aatcctagca	ctttaggagg	ccggggcggg	tggatcacga	ggtcaggagt	tcagaccag	180
cctggcccaag	atgggtgaac	ccctttctcta	ctaaaaatac	aaaaattagc	cgggccaccg	240
tgggtgcggt	ggctcacacc	tgtaatcctt	gcact			275

<210> 2018

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2018

agggtttatc	acatgggtag	actcaagtac	ccatgtgata	aaatgtcaca	gaactatata	60
ccaaaacaaa	tagacaaaaa	gagtgcacgt	atatcctggc	gaaatccaaa	taatatctgc	120
acctgagtta	acagtattat	tgcacacag	tcacttttct	ggctttggcc	atttactatg	180
gttatataac	attattattg	gaagaagtta	gctaaagagt	atatggggac	tttatactat	240
aatttttgca	actcttgtgt	agtccttaac	tgggtagtgt	gaaatagttc	tgccacctct	300
gacgcaccac	tgtcaa					316

<210> 2019

<211> 312

<212> DNA

<213> Homo sapiens

<400> 2019

ttcatgagg	gctgatctgg	cfttgggggtg	gtattaattg	tttttttttt	cccccttttt	60
tttaaaagg	gaactggcg	ggttgccaag	gcgggtctca	aactttgggg	ctaagggggc	120
ctccccatcc	cacctactcg	gggggttgag	ccaggaaaat	ccttcgaccc	cggaaaggcaa	180
agggtggcaag	ggcccaaat	ggtcccaagg	ccctccaccc	tgggggacaa	acccaaattc	240
ctctcacac	aacagagaaa	ggaaaactaa	aggaataccc	ccggaaaccc	ccgtgaaagg	300
cggaagacc	cc					312

<210> 2020

<211> 329

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<212> DNA
<213> Homo sapiens

<400> 2020
gcacgcacac acacacacac acacacacac acacacggta ttgaaactag aattctttca 60
atgggtgtatt ccccatactt atttatgtct caaagactga tcttcaaaag agacagagac 120
ttccagtgta agacagtgta aaatatattgg ctgtgaccag caacaaaagg caacaaagtg 180
tcaaaaaggt ctttgctatt gtaaggagat tctcttttac tgatctaaac aaaaggctct 240
tctcaactct ctatttccca tctggcgca ttaaccattt atatttaatt aagccctctt 300
tatatttctc aaacagcagt atttatgtct
329

<210> 2021
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 2021
gagaattgct tgaacccggg aggcagaggt ggcaagtggc cgagattgag ccaactgcact 60
ccagcctggg tgacagagca agactccatc tcanaaaaaa aaaaaaaaag aaaaaaaa 120
accocggccc cggaactaa accctgaaac ccaagaattt gggggggccc gggggggggg 180
atacaaacgc ggggatttaa aaaccacccc gtttaagggg aaacccattt tttaataaaa 240
aaaaacaaaa taagtggggg gggggggagg cccctggat ccccaattcc tcggaaggct 300
ggggcaaaaa aatccttgaa ccccgggggg cggggggttc agagacccaa aatggcccca 360
ttgaactcaa gtggg
375

<210> 2022
<211> 382
<212> DNA
<213> Homo sapiens

<400> 2022
cgttgctgct ggtgaaccac cgcgcctggt tgagataggt tgttttttga attaactatt 60
cttttttttt tttttttttt ttggaaaaa aattttcttt tttttccccc acctgggggg 120
caggggggga aagataaaa ttaattggaa cctttgcctc ccagggttaa ggaattcccc 180
ggctttaatt tcccaagcgc gggggattaa ggggaggggc ccttaccccc gggtgttttt 240
tttttttggg gaaaaacggg gtttttcctt tggggcaagg gtggttttgg gttcccccac 300
cggggggaat aacctttttt gggcccccaa agggggggga atataggggg gggccctggg 360
ccccacacct ttttttaaaa tt
382

<210> 2023
<211> 349
<212> DNA
<213> Homo sapiens

<400> 2023
ggcgcgaggc tgcgcatgag cgcggcgagc cacacetaaa tagccgcagc ctctgcgcg 60
cgccctccac ggttaccccg gctctccgac cctccttctc gcggggctcg agggaccatg 120
ggcgatctct gcgtgagaca gatcaagatc aagaccggcg tggtagagcg gccggacaaa 180
gaatatattg tgatgatttc ctaggcatal atgttggtga atccattgta aaatggacct 240
tggtgcggcg tgatgatagg aataaacccc gctgaaaaaa tacgtggcctt aaaacatgtc 300
tgtttagttt agacgggtcg aatttcaata agctctttct ggggtctccc 349

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<210> 2024
<211> 349
<212> DNA
<213> Homo sapiens

<400> 2024
actactttgct atgtatgttc cctagctgc atttgaaccc ctgggttcaa gtgatccctcc 60
caactcaagcc tccccggtag ctgggactat aggtgcatgg caccgggacct ggctgttcac 120
tcctcctttc ataagcaaa gacacagtttc ttttcttgta agagatggggc taggttgtgt 180
agattgagct ttctaataaa aacaactaaa agtggtgaat aaaaatgtct taaaaacatc 240
gaaaagttaa cacggtagaa atgaaattgg gaactcagat aagctgaacg tggaaactgc 300
ttttgccttg cgaacatttg ctcaactaag tgaacttgaa ctttgggtt 349

<210> 2025
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 2025
actacttgc atgtatgttc cctagctgc atttgaaccc ctgggttcaa gtgatccctcc 60
caactcaagc tccccggtag ctgggactat aggtgcatgg caccgggacct ggctgttcac 120
tcctcctttc ataagcaaa gacacagtttc ttttcttgta agagatggggc taggttgtgt 180
agattgagct ttctaataaa aacaactaaa agtggtgaat aaaaatgtct taaaaacatc 240
gaaaagttaa cacggtagaa atgaaattgg gaactcagat aagctgaacg tggaaactgc 300
ttttgccttg cgaacatttg ctcaactaag tgaacttgaa ctttgggtt gn 352

<210> 2026
<211> 346
<212> DNA
<213> Homo sapiens

<400> 2026
ggcactggag gaagataact caaaataaga ggcagctatg acaatccac agcaaacatc 60
atactgaagt ggttaaagct ggaagcattc ctccaaagga ctgaaaagag acaagaatgt 120
tcactcacac catgcttatt caacatagca ctggaagtct tagccagaac aattagtcaa 180
agaaagaaat agacatccaa attggaaaaa aggaagtcaa attatctctc ttcaactgacg 240
atatgattct atacctagaa atactaaaga ttctgccaaa tctcaggata caaggattag 300
cttacaagaag ttaatatgat ttccatacac caataactaa gctgag 346

<210> 2027
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 2027
gctcttcaag taaatactac tgatttgtca ccaaaggagg tcaactccaa ggaaagcttt 60
gcatttaaac cagaaaaatat ctcaagaaga aatgcaaccc acatatattt tgccattaaa 120

```



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agtatagata aaagcaattt gacatcaaaa gtatccaaca ttgcacaagt aactttgttt 180
atccctcaag caaatcctga tgacattgat cctacaccta ctccactcc tactcctact 240
cctgataaaa gtcataatto tggagttaat atttctacgc tggatttgc ttgtgattggg 300
tctgttggaa ttgttaactt tattttaagt accaccattt gaacctn 347

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<210> 2028

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2028

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cgttgctgtc ggtcggagag ccagcggact ctgacaagcg tcatgccagt gacttcgccc 60
tgttggaaaggc ggacaaaccc caggagggtgt tctgggcctc tccctgggga cccgggaggc 120
cgggctggca catctagtgc tctgccatcg ctagtatggt atttggaaat caactggata 180
tccattcaag tgggatagat ttagcttttc cacatcatga gaacgaatt gcacagtgcg 240
aagtctttca tcagcgcgag cagtggggaa attattttct gcattctggg catttgcacg 300
ccaaaggcaa agaacaaaaa atgtgccaat cattaaagaa ctacgttact attaaggact 360
ttctgaagac cttttccccc gatgtcttta 389

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<210> 2029

<211> 189

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(189)

<223> n = A,T,C or G

<400> 2029

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gacccactac ctaaaaaaac ccaaacatat aactgaacto ctacacacca attggaccag 60
gnnngaagann aaaagaaaaa ggaaaaaggg gcgglttttt tcggaaaccc caacttggaa 120
aaaaaccttg ggggggtggg cacaccccca ttttaagggg ggggaaaaaa tttttttttt 180
tggaattg 189

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<210> 2030

<211> 215

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 2030

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tacggttgct agaggacgac ggatgggctg atgccaattt ttctgggaga gccactttta 60
aaacccocta taccagagga gctacctaa aacaggtttc nagagcacac cccgtctatg 120
tactcacaat agcggggaga atttataggt tgaggctgac aaaccttccc agcctggggg 180
atttctgggt ttgccaaaaa agaactctta gtctn 215

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<210> 2031

<211> 390

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 2031
cggtttataa aagccttggg ttccaaccag gcagtagatg tgctttctgaa ccgcaaggag      60
caaacactga aataaaatag tttatttttc aactcaaaa aaaaaaanaa aaaacctcog      120
ggggcgcttt ttcccgtaaa cccaaacttg aaaaacccct tggaggagtt gggccaaccc      180
ccacctaaga ggcggggaaa aaagggtctt ttgggggaaa ttggggaggc ttgggtttta      240
ttggaaccca ttataggcgg caaaaaacag gtaaccacca ccaatggctt tctttttatg      300
ttccgggttc gggggggggg ggggggggtg tannccccc ccccccncnc ccccccncnc      360
ccccncncnc cncaccccn ccccccccn

<210> 2032
<211> 394
<212> DNA
<213> Homo sapiens

<400> 2032
cgttgctgtc gcacggtttt gttttgttgc ccaggctgga gtgcaggggt gcaatcgaag      60
ctcactcgag cctcgaccac ctgggctcgg gtgatcctcc tgctcagcc tcccagtatc      120
tgtggccaca agcacacccc accatgccca tttaattttt taagggaatt ctgtacata      180
tggggcttca ctatgctgcc ccagctggac ttgaactcct ggccaccaag gggagctcct      240
atctcggact ccggaggggc tatgattacc cgtagataga cattacttt aggaagaggc      300
tcttaagggc aataaaacgc ttcccatcca agagaatcac gctgcaatcc tggggcacag      360
agctttttta aaaaatcgat cctgaccttc aacg

<210> 2033
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 2033
tacggctgct acaatatcac agaagggctg gtcttgaact gctgggctga agggatcagc      60
tggctcttgt ctcccaaaag gctgggggta caggcatgag ccatggtacc ccgccaagtg      120
aactattaat acacacaacc tggatacatc tcaagagaat tatgctgagt gaaaaaacag      180
acaacacaca tacggccacc taatttatga ctaagggata ctgcagccaa ctaaaaggaa      240
ttatcttcaa taaatggtgc tgtgtcaact gaatatatat atagaagtat ataaatcttg      300
atttctactt cgtataaaca aaaaagatct aatttctaat tatagacctc ataaacttaa      360
ggaagaacaa ataaaaacta tggaagaaaa catacgagaa tatn

<210> 2034
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 2034

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ctggatgtca	gcaagaatgg	aatacaggag	tttccagaaa	atataaaaaa	ttgtaaagtt	60
ttgacaattg	tgagggccag	tgtaaaccct	atttccaagt	aagttctcag	gctccctgat	120
ggatttttctc	agctgttataa	cctaaccagg	ttgtatctga	atgatgcctt	ctttgagttc	180
ttgccagcaa	attttggcag	attaactaaa	ctccaaatat	tagagcttag	agaaaaccag	240
ttaaaaatgt	tgccctaagta	agtaaagggtg	ctattctttaa	aaaaacttaa	tttataattt	300
ttaatgatta	agtccttana	aatgtaaatt	tttattacct	anaatgtggt	gcg	353

<210> 2035

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2035

gtgcgtccgt	cgattgagat	ttgacgacag	acagggtccc	gtgtgttgct	gccacagcta	60
cagttcagtg	acaagaaagc	tatatctgta	atggctgtga	tgccattgct	ttattgtttg	120
cctgtattct	ctgcactttg	cgaaccgacg	ccgacagttg	cattgatttc	atgatttagg	180
taccgaccaa	gggtgtgcgaa	gttcaggact	ctgtctctcc	acccctcata	taaaagaaaa	240
aaggaaaggg	atgactctga	gggttaattct	aggaaggcat	gtgggggtgg	aaaaggagcc	300
agccgtgtga	ttaaagaatg	acatggtact	agaggggatgc	agatcttagat	aatattgaaa	360
ggccagg						367

<210> 2036

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2036

tacgggttgcg	agaatacagc	agaagggctg	gatgtcagca	agaatggaat	acaggagttt	60
ccagaaaaata	taaaaaatgt	taaaagtttg	acaattgtgg	aggccagtg	aaaccctatt	120
tccaaagtaag	ttctcaggct	ccctgatgga	ttttctcagc	tgtaaaccct	aaccaggttg	180
tatctgaatg	atgcttttct	tgagttcttg	ccagcaaaat	ttggcagatt	aactaaactc	240
caaataattag	agcttagaga	aaaccagtta	aaaatgttgc	ctaagttaag	aaaggtgcta	300
ttctttaaata	aacttaattt	ataattttta	atgattaaat	ctttaaaaat	gtaaattttt	360
attacctana	atgtggtgca	an				382

<210> 2037

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2037

cggttgctgtc	gggaatgcc	ttggcagcct	gccaaggaa	gctgccagge	agaactatgt	60
ggattttggtg	tccagtttga	gtccttcatt	ggaatcctct	agtcagggtg	agcctgggac	120
agacaggaaaa	tcaactgggt	ttgaaactct	gggtggtgac	ctcgaagatg	gcatcacaata	180
gatactgtctc	aaccggccca	aaaagaaaaa	tgccataaac	ctcgagatgt	atcatgaaat	240
tatgcgtgca	cttaaaagctg	ccagcaagga	tgactcaatc	atcactgttt	taacaggaaa	300
tggtgactat	tacagtagtg	ggaatgatct	gactaacttc	actgatattc	ccctcggtgg	360
agtagaggag	aaagctaaaa	ataatg				386

<210> 2038

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2038

aggtaactga	atccaacaac	atatcaaaaa	gataatccat	catgtgatca	agtgggtttc	60
ataccaggga	tgcaggggat	gtttaacata	cacaaatcaa	taaatgtgac	acaccacata	120
aacagaattt	aaaacaaaaa	tcacatgatc	atctcaacag	atgcagaaaa	agcattcaac	180
aaatccagca	tccctctatg	attaaaactc	tcagcaaaat	tggcatacaa	gggacatacc	240
tcaatgtta	aaaagccaac	agccaacata	atactgaata	gggaaaagtt	gaaaacattc	300
ctcttagaa	cttgaacaag	aca				323

<210> 2039

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2039

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ctgaatatat	tgagagagaa	taccagctag	aaactttaag	aataataacat	ctttttggaa	120
acaacaatgt	ttatttaaac	aattatttac	catgaccaag	tggattttat	cccaggaatg	180
caagggtggt	tcaacacaag	aaaatcaatt	gatgaaatat	atcacattaa	tggagaaaaa	240
aacatatata	tcatctcaac	tgatgcaaaa	aatatatttg	acaaaattca	gcactctatc	300
agaaaaacct	ttagaaaaan					319

<210> 2040

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2040

cgttgctgtc	ggcttctctaa	ccatcgagat	taccagcaat	gtgcagtacc	tgaaaagcag	60
gatattatga	agaaactgaa	ggagattgca	ttcccaagga	cagatgaatt	gaaaaacgac	120
cttttaaaaga	aataataacgt	agaataccaa	gaatatttgc	aaagcaaaaa	caaataataaa	180
gctgaaattc	tcaaaaaaatt	ggagcatcag	agattgatag	aggcagaaaa	gaagcggatt	240
gctcagatgc	gccagcagca	gctagaatcg	gagcagtttc	tgtttttcga	agatcaactc	300
aagaagcaag	aggttagcccg	aggtcaaatg	cgaagtcagc	aaacctcagg	gctgtcagag	360
cagattgatg	ggagcgcttt	gtctcgt				386

<210> 2041

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2041

attctcctga	ttcaccttct	gtctctccag	tttgggggca	gctgtttgac	ctgtgactpa	60
acttctctta	cagactctaa	aaaagttgtt	gatttttcag	tttgtttage	tttttacttg	120
ctcttaagat	tgagtgcagc	attttttttt	gcattttttt	attgcgataa	aatgtatttaa	180
tacaaaaacat	ttatcattta	cgtgtacagt	tctgtggcat	tagataacatt	cacactgtgc	240
aattaggact	cttaaaagga	aaaagtcaca	tactgttaga	agggtcatac	aaggctttat	300
agaaaggatt	tttaagatga	gctttcttat	atcaatttag	agaacatttc	agtagaact	359

<210> 2042

<211> 354

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<212> DNA
<213> Homo sapiens

<400> 2042
atacaaaaaa ttagccaggg gtggtggtgc acacctggag tcccagctac tcaggaagct      60
gaggtgggag gatcacctga gcctggggag gtcgaagactg cattgagcca tgatcctgcc      120
actgcactcc agcctgggtg acagagcgaag actccatctc aaaaaaaaaa aagcaggtaa      180
aaaaaaatatt tttttgtata aagccaaaaa tatataaaag ggcaaaaaata ggccggggggg      240
gggggctacc cctgaaaccc caccattttg gaagggcagg gggggcaaat cacaggggcg      300
ggaattgaa accatcctgg ttaacagggg gaaaccccg ctttactaaa aaaa      354

<210> 2043
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 2043
ggcacgagag gggctggatg cctttcatcc caactattct ctgtggtatg aaaaagaaaa      60
aaaaaaaaaa aaagggtatc gggcccgccc ggggggggtc acccctgtat tccccctttt      120
ttggaaaaac aagtcgggca ttcttttgaa gtccggaggtt aaaaaccacc cggcccaact      180
ggggaaaaagc ttgttttttt taaaaaaaaca aaattttacc ggcggggggg gggggccccc      240
gtattcccgag gtttttgggg ggaactgaac agaaaaatcc ttccaccccg gggggggggg      300
gttgcataaa ttcaaaaggg cccctctggg ctccaccctg ggggacaaag cgaactcctt      360
tttaaaaaaa aaaagggtac ggcacaaaaa ccccggggg tn      402

<210> 2044
<211> 331
<212> DNA
<213> Homo sapiens

<400> 2044
tgctggccac accagccccc ttccactccc agtgccacaa taaacctgta cccagctgtg      60
tcttgtgtgc ccttccccct tgcacccgga ggggcagaat ttgaggcaag tggcagggtg      120
gagagtgaaga tggtttttct gggctggcca tctgggtggg cctcgtgatg cagacatggc      180
gggctcatgg ttagtggagg aggtacaggg gagaccccat gtgccaggcc cgggtgccac      240
agacatgagg ggaagccact gtctggcctg gcttggaggt tagagaaggg tagttaggaa      300
gggtagttag catggtggct catgcctgtg g      331

<210> 2045
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 2045
ttgtttgcag aataaacttc agtgttatac tcggcttaat catttgcac aagtgtacca      60
agaataatta ttttcacata gctttttaa atgggctctg atggaattct attccatacg      120
gaatctcaga taagactggt tttttttgag ttggagtttt gctcttgtaa cccagggttg      180

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agtgcagnnn	cnnnnnnnntn	ntttantnnn	nctnnncct	tnntnactca	attgatccct	240
ccacctcatc	ctcccacata	acttttacan	cctttccata	ccaccactcc	tttttaattt	300
aaaaaaaaat	ttt					313

<210> 2046

<211> 324

<212> DNA

<213> Homo sapiens

<400> 2046						
aggctcgtgt	gcactcgtgc	gatctcggat	actgtgaacc	tctgcctcca	gggttcaage	60
aattctctgc	ctcagcctcc	cgaggagctg	ggattatagg	cgcccaccac	catgcccgcg	120
taactttttt	tatttttagt	atagatgggg	cgccaccatc	ttgtccaggc	cggtatagaa	180
cttctgtcct	cctggggacc	caaaatgggc	tctctaaaaa	ggaggttttg	gacctgatgt	240
ccaggcgctt	ttgaagggtg	gggactgccg	cgccccccct	ccaccgggac	cagtattttt	300
gtttaaaaat	ataaacggtg	cgcc				324

<210> 2047

<211> 398

<212> DNA

<213> Homo sapiens

<400> 2047						
ggcgggagtg	aggcggcgcc	cgagccttta	tattttgtcc	ggcgctcagg	acatcctcct	60
ggctcctgtc	ggaaaagggg	gcgttgggaa	aagcaccatc	tccacggagc	tggccctggc	120
actgcgcgat	cgaggcaaga	aggtgggaat	cctggatgtg	gacctgtgtg	gccccagtat	180
cccccgcatc	ctcggggcgc	agggcagggc	tgtgcaccag	tgcgaccggc	gctggggacc	240
cgctctcctg	gaccggggagc	agagcatctc	gctcatgtct	gtgggcttcc	tgctggagaa	300
gcccggacgag	gocgtgggtg	ggagaggccc	caagaaaaac	gcgctgataa	agcagggtgt	360
gtcccgacgtg	gctcgggggg	agctgggacta	cctgggtgg			398

<210> 2048

<211> 360

<212> DNA

<213> Homo sapiens

<400> 2048						
actatcgatt	gcgagacgac	gacagacggg	gatcagctcg	ttcctaccac	actctctggg	60
ccataacgaa	atggctgcac	gagtgaaagc	tgtgatgcta	tcgctctata	ccaaaccatt	120
atgatctgca	ataatctggt	tagcaaccac	agttgcgttc	attttgtgtt	ttatggtaact	180
aggggtggcg	tggaagatgc	acgataacat	ccagaattgg	catctctctc	ttacgtttag	240
atgaactaga	ggagcgcgag	catcacacatt	caaaagctag	cagaaggcaa	gaaataacta	300
aaatcacagc	agaactgaa	gaaatagaga	cacaaaaaac	ccttcaaaaa	attaatgaat	360

<210> 2049

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2049						
ccaaagtgc	gggattacag	gtgtgagcaa	ccacaccccc	gcctcatgct	ataacttttt	60
tttttttttt	taaaaaaaagc	ctcactttgt	acccaaggct	gaagggggta	ggggaataaa	120
gggggttaat	tgaaaccttt	gcctccgggg	ttaaaggaa	tttcgggctc	aacctcctg	180
agaaagctga	actacagggg	cctgccacca	acccgggtta	atttttttgt	tttttaagaa	240
aaaacggggt	ttaacctcgt	gtggaaggcg	ggtttcaaac	aactgacctc	aggggatcca	300
cccacctggg	cct					313

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<210> 2050
<211> 352
<212> DNA
<213> Homo sapiens

<400> 2050
actgtggatc tgtccccagg tttggctggg ggtttggttt ttagtagaga tgaggtctca 60
ctatgttctc aaactcctgg gctcaagtga tctcccacc ttggccccc aaagtgttag 120
gattatagggt gtgagccact gcatttgggc gccgtgaaaa gcttgagaa ggctaacgga 180
aaagcaagggt agagccctgg gcacacagcc cctcgagga ggcaggtagg gccccacctc 240
acgggtgtggg tcacagagct ttactccctg catttccagc catgaggggt tgggggcatc 300
ccaccatca gatactggtt aggaaggtga tcacggctca gtgcaaggga ct 352

<210> 2051
<211> 352
<212> DNA
<213> Homo sapiens

<400> 2051
actgtggatc tgtccccagg tttggctggg ggtttggttt ttagtagaga tgaggtctca 60
ctatgttctc aaactcctgg gctcaagtga tctcccacc ttggccccc aaagtgttag 120
gattatagggt gtgagccact gcatttgggc gccgtgaaaa gcttgagaa ggctaacgga 180
aaagcaagggt agagccctgg gcacacagcc cctcgagga ggcaggtagg gccccacctc 240
acgggtgtggg tcacagagct ttactccctg catttccagc catgtgggtt tgggggcatc 300
ccaccatca gatactggtt aggaaggtga tcagggtca gtgcaaggga ag 352

<210> 2052
<211> 275
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 2052
ctcatcatgg taaagacttt atatgaaaaa ttcacagcta acatcacatt caattatgaa 60
atgatgaaag catttccctc aagattaata acagggcaag ggtgtctact atctccactt 120
atatattaaca taattattgaa agttctagcc agagaaattg ggcaaaaaaa aaaaaaaaaa 180
aaaattgggg tgggggtttt tcggaaaaatc cagcctggaa aaaatcctg ggggggtgtg 240
gcccccccc cttaggagggt ggggaaaaaa gggtt 275

<210> 2053
<211> 384
<212> DNA
<213> Homo sapiens

<400> 2053
gaagacttac ttaccctaag tatatatgca cccaacattg gagctcccag gtttataaaa 60
caattacttc taaaccagggt aagagactta gtcacacaac aacagtgggt aacttcaata 120
ccccactgac agcattagac agatcatcaa gttataaaac taacaaagaa attctggact 180
taaaaaattga acacttaacc aataggacct tataaatata taaagaatat tccaccacaac 240
aaccacagaa tataaattat tcttatctgc acatgaaacg tactctaaga tcaaccacat 300
attcattcat aaaaaagcct caataaattc aaaaaaattg aaattttaac aagcatattc 360
tccaaccaca ggggaattaa aata 384

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<210> 2054
<211> 332
<212> DNA
<213> Homo sapiens

<400> 2054
tgtgtggtgg cggcacogct cacaacaccc cccactccgg ccgcccgaca gctctgaacag      60
ctcagagttg aacccggcagc gtcgggcatg ctgggttgag gagcaggcta ggagcaaaaat      120
gggggtgggg cgcacacagg ccgagtggtg tgctcccccag tcttcagctt tcttcccagc      180
gccctgccct catgaaagga agccgtgagt gtccaaggta gaagagaatg cctgggtccc      240
aggacacctc tattattatc tttttttttg agacggagac tcaactctgtc acccaggctg      300
gagccgaata tttttttgcc aattctgtta cg                                     332

<210> 2055
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 2055
cggtgctgtc ggtctgatgt tggcctaggg aaggggacgt actacagtgt aaatgtgccc      60
attcaggatg gcatacaaga tgaaaaatat taccagatct gtgaaagtgt actaaaggaa      120
gtataccaag cctttaatcc caaagcagtg gttctacago tgggagctga cacaatagct      180
ggggatccca tgtgctcctt taacatgact ccagtgaggaa ttggcaagtg tcttaagtac      240
atccttcaat ggcagttggc aacactcatt ttggggaggag gaggtcataa ccttgccaac      300
acggctcgat gctggacata cttgaccggg gttcatctag ggaaaacact atcctctgag      360
atcccagatc atgagttttt cacagcn                                     387

<210> 2056
<211> 381
<212> DNA
<213> Homo sapiens

<400> 2056
tgggacaaca ggggctcacc accacaccca gctagttttt tctgtagttt tat'tagagaa      60
gtggttttat cgtgtaggcc aggggggtct caaactctgt gttcagctgt atccaccat      120
ctcagccttc caaagtactt ggattacagg agtggccacc acgcccaccc tacacatagc      180
tctttttttt tttttttttc aagaaaaaaa tttttttttg tccccagggt gcagggaagt      240
ggtttttttg ggtacaccag aatctttttt tccagggttt aagccagtat ggaggccgat      300
atctttgggt gcgcggggtg tacacacgaa ctgtccaaac ccggtgtgat tgttggtcct      360
acaaaagatg ctggagcata t                                     381

<210> 2057
<211> 399
<212> DNA
<213> Homo sapiens

<400> 2057
cgttgctgtc gacggttttc ctgccttagt ctccctagac gctgagactg ccggcatgtg      60
ccaccacgtc cagctaatac tttgcgcttc tagaagacat ggggttactc cctgtatttg      120
aggctggtct gagagctcct gacctatttg gaccagtcca cctctgcttc ccaaggggct      180
cggaacaacg cgtcgatcct tctatgcctg accgacaacc t'tatgtctta cctgaggttc      240
ctcagcctta atgtgagatc ctcaaactgt tgacatacta attaatatgt atctactgag      300

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actgagaaag	acactaattt	ctttctaaat	catgaagatt	tactgattat	cttatatgta	360
aaacatttta	gcctatatgt	tggaatctgg	agccaatga			399

<210> 2058

<211> 335

<212> DNA

<213> Homo sapiens

<400> 2058

tggaaccagc	aaagcatgaa	aggtttaaga	cacttcatca	gttgggtttt	cttgccttga	60
aaaaggggga	atagaaaaatg	atttggttaag	cactccctct	ttcacttctt	ttggaaggga	120
ttggggcaaaa	taagtattat	ttctctctca	tatacttaga	attagttttt	ttgggttttt	180
gtttgtttgt	ttttgagaca	gagtttttga	gactctgtca	cccaggtggg	agtgcgaagt	240
cgcgatcttt	gctcactggg	ttctctgctt	cccagggtaca	agcgattttt	ctgtcttttc	300
ccccagagta	tctatgaatg	atatttgtct	gcccc			335

<210> 2059

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 2059

ggattccotta	aaccttgagc	cttggagggt	gaggctgaag	tgagccaaga	tcacaccact	60
gcattccatc	ctatgtgaca	gagtgagaca	ctgtctccaa	aaataaaata	aagattttaat	120
caaaaataaaa	tatgggtacat	aaaaatcaag	gaagaccatg	tggccatata	aaaaacacaaa	180
gccaggcact	gtggctcatg	ctataaatcc	caacactttg	ggaggctgac	gcagatggat	240
tacttgagat	caggagttea	agaccagcct	ggccaatata	ctaaaacccc	gtgtctacta	300
aaaatacaaa	aaatcagctg	ggcgctcgtg	caagtn			336

<210> 2060

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 2060

cggttctgtc	gggcttgggt	tcagtgaacg	caccgtgatg	tgagggccgg	gaggtatagg	60
caggctgatg	ggggagggtt	gggagggttt	tcnacaacct	gcaccaaatg	ctttatctac	120
tgaagctcgg	atgctctagc	tatattcaac	accattattc	gttacattat	at	172

<210> 2061

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2061

gggcaatctt	ttcggattct	cttccatget	gtggcagggt	agcctcatcc	aattttgtgaa	60
agcctgaata	gaacaaaaat	ctgaccctcc	gctgagtaag	agagaattct	tcctgcctga	120

atgccttcac	actgagatat	gggtttttgt	cctgttttca	gagtagaacc	aaaacattgg	180
ctttctcctgg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccaaca	ca				322

<210> 2062
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 2062	
gctttgcac	tgaaactgtc agccccagaa tgttgacagc cgctctccta gccctctctc 60
gtgctcagc	ctctggcaat gccattcagg ccaggctctc ctccataagt ggagagtatg 120
gaagagnac	ntaanctctt gggagctcta tggccctgcc cattggctga caaacccaca 180
tatgtatcca	ggtgacctta aggcaagctt gtatcagctg atgatctctt aaaagtgtcta 240
ccttctggct	ggaggataac caacaactag cacaaccagc atttcgagaa aacc 295

<210> 2063
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 2063		
gggcaatctt	ttcggattct ctccatgct gtggcagggt agcctcatcc aatttgtgaa 60	
agcctgaata	gaacaaaagt ctgaccctcc gctgagtaag agagaattct tctgtcctga 120	
atgccttcac	actgagatat ggggtttttgt cctgttttca gagtagaacc aaaacattgg 180	
ctctctcctg	accttcaacc taccagcttt tgaactgaac ctacaccatt ggctctcctg 240	
gttctcatgc	cttcaaattc agactgccaa tatcatactg aatgggcaaa agctggaagc 300	
attccctttg	aaaaccn	317

<210> 2064
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 2064		
actcagcgtg	gtgtcacgtg cctggaatcc caactactcc ggaggggtgag gcacaagact 60	
cgcttaaac	tgaggaggcag aggttgctg agccgagaac atgccactgc actccagcct 120	
ggggcaagaga	gtgagactct gtctcaaaaa aaaagtttat atttatatac acacatatat 180	
ttatatctc	acacacacac gtgcacacac ttaaaaaatgc caagaaaaaa attgtacca 240	
acaatcatga	tctgaatcat gaagcaaat aaaaatgtgc atgattttga acaagtgatg 300	
gagaatacaa	aaagatttga ttgtgtaaaa ggggttatgat ttgagattgg ggaggaaaaa 360	
aaacataatc	cctg	374

<210> 2065
 <211> 324
 <212> DNA

<213> Homo sapiens

<400> 2065

aatcccaaca	ctgggcagct	gaggtgggtg	gatactctga	gccacagaag	tcgagagacc	60
agccttaggca	acatggtgaa	accccgctctc	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gctactcttg	ggggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtggtgacc	acaccacttc	actccagccg	240
gtgggacaaa	acaagaaaac	ctgtcacctt	tctgggggac	cctgggtttcc	ctggggtaat	300
tcaaaaaatc	ttcccaaaag	ggag				324

<210> 2066

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2066

cgttgctgtc	ggaaaacaag	gggttagatg	ttgcatttca	taaaactaac	cgaagtctcg	60
tctactgatg	cagcacaaga	gatgtaaaaa	aaaaaaaaaa	aaaacccccc	cccccgggga	120
aaaacccctt	taagggttgg	tttgggtttt	tttttggggg	tgggtttttg	gtttttttac	180
cccaggga	aacctggaaa	aggggcacaaa	cccccttccg	gggttttttt	ttaagggtccc	240
ttttctaaaa	aatagggtca	acggggaatg	gaaaaggggg	gggggggggg	gaaaaaaaaa	300
aaaccttggt	ggttaggggt	ttaaaaaaaa	tttaggcoca	ttggttaaaa	aaaccgcaac	360
tttaaaaaaa	aaaaaatccc	ccccccaacc	aacc			394

<210> 2067

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2067

tgctaaaaagt	acattgaaga	tagattgccc	catccaacct	cctacatcaa	gggtaaacaa	60
actctttctg	taagggtcag	atggttaagta	tttggggctt	tgtgggcoat	atagttttctg	120
ttagatctac	tcagtgctgc	cattgtagtg	caaaagcagc	cacagacaa	atgtaaacaa	180
ttgaatgtgt	ctgttttcca	ataaagtgtt	atttacacaa	ccagatttta	ccgggtgggtt	240
atagtttggt	gaatcatgtc	ctagatcacc	attaggaagt	ggcatgggtg		289

<210> 2068

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2068

gtgggttttg	tcattacttt	caacgggaaa	attgcaatta	ctttgttacc	aacttatcat	60
atgaaaaaca	tattttta	atcttaaaaa	cttgagcctg	ccatacaaaa	ttgtgtgtgt	120
gtgtgtgtgt	tggtgtgtgt	tgtgcgtgag	tgtgaactaa	gatcatgatt	ttattaccac	180
actgggcatc	attgttaagc	ccactcttca	ctaaccagta	acaattagcc	cgtgtgtagg	240
gtggctccca	gaaatcccat	cctactaagg	aggttgagtg	aagagaatca	cttgaacctg	300
ggatgcaaat	gaaacagtga	gtctagatcg	tgcgactgg			339

<210> 2069

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2069

tatttgtata	atcgtgata	actttccttg	ctttcaagtg	tgcccccaact	gaaatgaata	60
caggtactcc	tgctttcttt	tgattagggt	tagcatggta	catctttcct	caccatttta	120

tttttcacat	atatgggttt	tatatattaa	aatgagttcc	atctcttcat	gataaaaaact	180
gacaaacaaac	tagggcatcaa	agaaatatat	ctgaaaataa	taagagccat	ctatgacaaa	240
cccacagcca	aaccacatc	atactgaaca	ggcaaaagct	ggaaccatc	tccttgagaa	300
ctggaacaag	acaaggatgt	gtattc				326

<210> 2070

<211> 132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(132)

<223> n = A,T,C or G

<400> 2070

cgacagaagg	gtaaatggga	ttacttttat	ttctttttca	gattgtccac	ctttggtata	60
tataaatgcc	actgattttt	gtatgtcaat	tttgtatcct	gtaactttac	tgaattttac	120
agttccaata	gn					132

<210> 2071

<211> 183

<212> DNA

<213> Homo sapiens

<400> 2071

gctaacaaaa	cacgtacagg	atctctatgc	taaaaattac	aaaacgttga	tgaaggact	60
aaaagaaaaac	ctaaagaaat	ggagagggat	actatgttca	tgttttgaaa	gactcaatgt	120
agtaagata	cagattttcc	ctaaaccaac	ttatagggtt	aattcaatac	ttatcaaaat	180
ctg						183

<210> 2072

<211> 376

<212> DNA

<213> Homo sapiens

<400> 2072

gcgggaggat	cacctgaggt	caggagtcca	agtcaccct	cgccaaactg	gtgaaacccc	60
atgtctacta	aaaatacaaaa	aaaaattagc	cagacatggg	ggcgggcacc	tgtaactcta	120
gctaccggga	aggctgagac	gggaatcact	tgaacctgtg	aagcagaggt	ttcagtgagt	180
ctagattgca	ccattgcact	ctagccctggg	caacagaact	agaccccatc	ttaaaaaaaa	240
aaaaaagggt	atccccaaaa	aagggggttt	ttctaaatct	tagtggaaag	gccacatga	300
ttaaagtata	caaaactttt	gaagcaaat	aaatttttat	ttcttttaat	ccaaagttta	360
aatttgaatt	aaaccc					376

<210> 2073

<211> 438

<212> DNA

<213> Homo sapiens

<400> 2073

tctctttttg	aggatcccat	cgctctaat	tcggttgctg	tcgggcacac	acctgtagtt	60
tcagttcttc	aggaggctga	cgcgaggagga	ttggcttagc	ctgtgaggtg	gaggccacag	120
tgagctgtga	tgtcgccact	gtactccacc	ttgggagaca	gagtgagacc	ctgtctgaac	180
aacaaaaaag	aattgtggcc	agtcattgta	gctcacatct	gtaatcccaa	cactttggga	240
agctggggcg	agtggtattgc	ttgtggttac	gaggtcagga	tcagcctagg	caacatagca	300
aaacctgtgc	ttctaccaca	caagaaaaag	aaaaagaaaa	aaaattaacc	aagtgtgatg	360

gagcacacct ggtggaaagc cctaactact cgaggaggct tatctgggag gaataattgg 420
agccccagag gttttggg 438

<210> 2074

<211> 376

<212> DNA

<213> Homo sapiens

<400> 2074

tacggctgtt	agaatacgac	agaagggagc	accttgggag	gccagaggca	ggaggatcac	60
ttgaggccag	gagttcaaga	cgggcctggg	caacataatg	agaacccatc	tttaccacaaa	120
aaataaaatt	acattaaaaa	ttagctgggc	acggtgacgt	ctgcctgagg	tcacattcaa	180
gaagctgatg	tgggaggatc	gcttgagccc	aggaattgga	ggctgcagtg	agctaagatc	240
ataccactgc	acttcagcct	gggcgtcaga	gtgagaccct	gtttctaaaa	taataataat	300
tttaaaaaat	gataattatg	gttgcatctg	gaaaagatca	atctattaat	atatgtgaag	360
acatttttgg	cctaaa					376

<210> 2075

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 2075

tacctacttc	gattgcgaca	tgacaacata	cagtggtgtg	tttaccacag	ccaagactta	60
aaggcgagag	acaagatgct	atattttgtga	aatgagacat	gctatggctt	tattagatag	120
cgctactctg	tgcaagacac	caatgtacgc	atcgacgggtg	gccttcattt	tatgttcgac	180
aatgaatccg	acgtatagga	agtcctttcan	gataattacc	aggagaaact	ccccaaacta	240
gcaaggcagg	ccaacattca	aatttcaggaa	ataaagagaa	caccacaaag	atactccttg	300
agaagagcaa	ctccaagaca	cacaattgtc	agattttacca	agggttgaat	gaaggacaaa	360
atgttaa						367

<210> 2076

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 2076

ggtaccacta	gaaaaatcca	cccaaattaa	taagagaaaa	agaacacaa	aatacataaa	60
gcaagaaaaa	aaccatacga	cagaaacaaa	cctgtcatat	aatcgcccca	aatgcaaaata	120
ggttaaatgc	tcacagaaca	gaacggctga	atatatttta	aaaacatgat	ccaactaaat	180
gctgtctacg	agaactatgc	cttgtcagta	aagacacata	tgaacccgaa	ttaaagggat	240
ggaaaaaaat	attttgtaca	aattggaaac	caaaagtgc	cagaagctac	agttatatca	300
gataaaatag	actttaagtc	aagaaaggta	n			331

<210> 2077

<211> 135

<212> DNA

<213> Homo sapiens

<400> 2077

aggcgctggt	taaaaagggc	ctaaccctg	gctttagatt	tacagtcag	agcttccatc	60
atccatttta	cctgaccccc	aagggttttt	tgggaaaatt	ggggggcggg	gggccttttt	120
ttagcgaaaa	ccagg					135

<210> 2078

<211> 305

<212> DNA

<213> Homo sapiens

<400> 2078

taaccaatag	gcccagaag	aaataacaag	agaaattaga	aaacacttag	agttaaatta	60
aaatggaaag	acaacttacc	caaactttaca	ggatatagtt	aagcagtgct	caacaggaaa	120
ttttatagctg	taagtggttta	cattaaaaaa	gaacatcttc	aatcaataa	cctaaattta	180
catcttaagt	aactagaaaa	agaaggcaat	actaaacccc	aaaccagaaa	gaagtaataa	240
aagattaaag	ttaaagataaa	taacatagag	aatagaaaaa	ttagagagaa	tcagcaaaac	300
ccaag						305

<210> 2079

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2079

gtctcgctct	attgccccagg	ctggagtgcg	gtggcactat	ctcagctcac	tgcacacctct	60
gcctgcctggg	ttcaagcaat	ttctgtgct	cattctccca	ggtagctgag	attacagatg	120
tgggccacca	caccaggcta	atttttgtat	ttttactaga	gacgggggga	tacagggctg	180
gcccgaactca	cactgagctg	taagactaca	ggccgggac	caaggtgaac	tacaaggagg	240
tgggtggaagc	tcgaaccact	cgataaacac	caccctgtgc	ggtagtgggc	attgtgctct	300
cttggaacc	cttgatggct	cccaccttca	aactgcttc			339

<210> 2080

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2080

acaacacaa	cataaaaaact	acaggaagta	gaaaagaag	agcaaaccaa	actcaaaagct	60
agcaaaagac	aataaataac	caaaattgga	gaagaagtga	atgaaattga	aacacacataa	120
aattacaaaa	cagatgaatc	taattggtggt	tatttgaag	attagataag	attgataaac	180
ttctagctat	actaatgaaa	aaaagagaga	agatttaaat	aaacacaatc	agtaattggca	240
aaggggacat	tatcactgac	cccacaaaaa	cacagaaaaa	cctcagagac	tactacaaaac	300
acctctatgc	acacaatgta	gagaaccttc	aagagatgga	tag		343

<210> 2081

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2081

aatcccaaca	ctgggcagct	gaggtgggtg	gatcacttga	gcccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgctct	tactaaaaat	tcacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gctactcttg	ggggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtggtgacc	acaccacttc	actccagccg	240
gggtgcagaga	gcaggagaac	tgtaacctcc	tggggaccct	gtttccctcg	ggtattcaaa	300

aatctcccaa agggaggcaa gcatgggcta cgcagaagaa ctctcagtaa ggactgctga 360
gtctctcat atgagctgca g 381

<210> 2082
<211> 411
<212> DNA
<213> Homo sapiens

<400> 2082
ccaggaacag gtgacgtgtc tgatgttggc ctagggaagg gacgggtacta cagtgtaaat 60
gtgcccattc aggatggcat acaagatgaa aaatattacc agatctgtga aagtgtacta 120
aaggaaatgt accaagcctt taatcccaaa gcatgtgtct tacagctggg agctgacaca 180
atagctgggg atcccatgtg ctcccttaac atgactccag tgggaattgg caagtgtctt 240
aagtacatcc ttcaatggca gttggcaaca ctcattttgg gaggaggagg ctataacctt 300
gccaacacgg ctcgatgtg gacatactg accggggtca tcttagggaa aacactatcc 360
tctgagatcc cagatcatga gtttttcaca gcatatggtc ctgattatgt g 411

<210> 2083
<211> 401
<212> DNA
<213> Homo sapiens

<400> 2083
cgtgtgtgtc gggcgtggga ttacctttgc agaccaaggc tgatgcaaat cgtactgccc 60
ctagtggaa gtaataccga catcctgggg ctcttgaccg tccacagcct acagcgtatga 120
attcaattgt catggagact ggcaatacca agaactctgc atgtatggct aaaaagccc 180
ctacaatgcc aaaaccccag tggcaccac cgtggaaact ctacagggtt atcagtgggc 240
atcttggctg gggtcgatgt attgctgtgg aacctggaaa tcaagtgggtt gttactggat 300
ctgctgacag aactataaag atctgggact tggctgatgg caaattaaaa ctgtcattga 360
ctgggcata taaagatttg cggggggggtg taattagccc g 401

<210> 2084
<211> 219
<212> DNA
<213> Homo sapiens

<400> 2084
ggactatgag aatcgaaacc atccctgaga atccaaaatt ctccgtgcc cctatcacac 60
ccatccgaa aaaaaaaact tggggggcgt tttttacgta aatccaaact 120
ggataaagac ctggaggag ttgggccaac ccccccttg aaggcgggga aaaaagggct 180
tatttggaga aattggggg gcatggggt taatttggga 219

<210> 2085
<211> 344
<212> DNA
<213> Homo sapiens

<400> 2085
ttatttcaat atgatctgca attctgtttt aattaaatgt tttatacttt ttgacatatt 60
tggccagctt tctcaatgtc agagtcttaa tggaaagtct tccaacctag aattatcttt 120
gagattttct agttgggttc ctggagagcc tcaaaacaatg tattttttcag ctgtgagagc 180
tgttaaaact attaggcttg ttgatgtat tgagttgtat gagaagcgtt ggaggcacag 240
atgggatcaa ataacaagt gacactaaat ctctctaa gatatattat atggctatgt 300
tattgatgtg aaagatctaa aaattatgta aaatttataa atgag 344

<210> 2086
<211> 367

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 2086
gggtcttgaa cccagacctt ggggtgatctg cccgcctctg cctcccaaaa tgcgtgagatt 60
acagacgtga gccactgtgc ccggccgcct gagacatttt gggcaacatc tgtgacagaa 120
gaaatgtgca tcccttccgg gcaggggatt taagaagcgg ctcatggctg aatatgggtat 180
ctttgcatct gtctgtggaa ctgcgggagc attctctggg ataagggact acctgtatga 240
gtctgtgaat gtgttctaac caccgcgact cccctgtgct cccctatcac catgactatt 300
cacttgaaag cctgatgggc ctacgcctc tctctgtagc tgtggaggcc caaaatgttt 360
cattgcn 367

<210> 2087
<211> 378
<212> DNA
<213> Homo sapiens

<400> 2087
gtttctccaac catatggaat cataacagaa atcaaaacac aaagttaact ctctaataac 60
atgaaaaatta agcaacatc tcttagaaaa tctctggatc agagtcacac aaaagaaaaa 120
tatagcactg aattagaatg aaaaataaaa catacgaaca tatgtgggat ataactaaag 180
gattgctgag aagaacacct atagcactag atgcttacat caaaatagag gaaggaatct 240
aaatcaataa ccaaaattct gacataaaga acctagaaaa agaagagcac attaatcaa 300
agcaagcaca agtaataacc gtaataacag aagtcaatgc gaaagaaaaa cctgagagaa 360
aatgatacaa agtcaatt 378

<210> 2088
<211> 340
<212> DNA
<213> Homo sapiens

<400> 2088
tagcactcca ctgcagatg gcacagatca tccaaacaaa aaaaaaaaat cagagttaaa 60
ctaccoccta aacctagtgg gtctaactga catttataga acatttcacc caactgtggc 120
aaaaaacaaa ttcttctctt taaaacatga acatttccca gattaaacct tattttaaac 180
tacaacaaa gtctcaagaa gttcaaaaga gttaaaatca cctcaggtat cacttgaggc 240
cacattgaaa taaactaga aatcattacc caagcgatc tcaaaagcct cataaacaca 300
tggaattca acaacaggct ttgtgaacata ttaaggcaat 340

<210> 2089
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 2089
ggtaccacta gaaaaatcca cccaatttaa taagagaaaa agaacaag aatacataaa 60
gcaagaaaac aaccatagca cagaacaaa cctgtcatat aatcgctcca aatgcaataa 120

gggtaaatgc	tccagaaaca	gaacggctga	atatatttta	aaaaatgat	ccaactaaat	180
gctgcttacg	agaaaactagc	cttgtcagta	aagacacata	tgaaccgaaa	ttaaagggat	240
ggaaaaaaat	attttgtaca	aattggaaac	caaaagtgc	cagaagctac	agttatatca	300
gataaaatag	actttaagtc	aagaaggta	aaagacn			337

<210> 2090

<211> 365

<212> DNA

<213> Homo sapiens

<400> 2090

gtcacaagaa	aggggaagctt	atccattaag	gaaattgagc	cccaaatgat	gaacgatcgg	60
gcaaataaaa	ctccaggcct	agatgacttc	cctggggaat	tccaccagac	actgaaggaa	120
gaaaggatcc	cagtcttaca	tcaaatcttc	cagagaagac	agaaagcagg	aacactgtct	180
aactcatgtt	atgagtctag	caaaacttta	atgctaaatt	ctgatgaaga	cattacaaca	240
aagaacatc	atgggtcaac	tcttcccatg	aaaatggatg	tgaataatct	taaaaatatt	300
agcaagtcaa	ataaaacaat	atcacacca	agtgggattt	atttcaaaat	gcaaggttgg	360
gtgag						365

<210> 2091

<211> 335

<212> DNA

<213> Homo sapiens

<400> 2091

gtcagtcggg	tcacatactt	ccagaagagc	ggaccagggc	tgtgtccagc	acctgccact	60
cagagcgccct	ctgtcgtctg	gacccttcag	gtaggacagc	tcocaaatgt	gtggggactc	120
tcagcaaaaac	ttctccttcc	tttccacggc	tctgtctctt	ctgacctcat	cttagttttg	180
ctttttcttt	tcttcctctg	ctatttttct	atgatctctt	aagaaccaag	tccttgaaac	240
ttttggctca	aagtggatac	agagacaact	ttttctagaa	agttcagaaa	agtgatattt	300
gaggacggag	tctggggaaa	tcaatgggat	ggggc			335

<210> 2092

<211> 129

<212> DNA

<213> Homo sapiens

<400> 2092

taccatctac	tacggagggt	gaagcaggag	gatcacttga	gctgggaggt	cgaggctgca	60
gtgaaactgtc	atcggtgccac	tgcatcttcag	cctgggtgac	tgagcaaaaat	caaaaaaggg	120
ttgggctgtg						129

<210> 2093

<211> 328

<212> DNA

<213> Homo sapiens

<400> 2093

acgacagaag	ggaatacatt	taaccaaggc	agtaaaagat	ctctataagg	agaacaacaa	60
aacactgctg	agagaaatca	tagatgacac	aaatggaaaa	atatctcata	cacatagatt	120
aaaagaatca	atatcattaa	aatggccata	ctgcccagaag	caatttcagc	tttcaatgtc	180
attcctatca	aactaccaat	gtcatttttc	acagaactaa	aaaagctatt	ctaaaaattca	240
cagggaatca	aaaagaagcc	caaatagcca	aagcaatcat	aagcaaaaaa	cacaaagctg	300
gagacatcaa	attaccagac	ttaaaaact				328

<210> 2094

<211> 344

<212> DNA
<213> Homo sapiens

<400> 2094
tattctctgt cctcagcctc ccgagtagct gggattacag gtgcccacta ccacaccacg 60
ctaatttttt gtattttttt ggtagagacg gtgtttcacc gtgttgccc cgtcgggttc 120
attctctcga cttcaggcga ttccactgcc tcggcctacc taagagggtg cattactggc 180
tgagtgctcc gcgcccggtc agaagcctct atttttaaaa agccattag cttagacaac 240
gcctttaccct tctttccatt tcccctaaga tctcagggtc ttgtcgaacc taatgaacat 300
catgggacca ttggatcggc ccttaagcct tttgggaaga catg 344

<210> 2095
<211> 309
<212> DNA
<213> Homo sapiens

<400> 2095
agtgtctgtg ggcctcttct ccaaaagtct agattctgat aactccattc tcttcccttt 60
gttcccatata ccccgaggag agtagctgtt tctctaaagt agtgtcccat ctttgtcttg 120
tcaattctct aatattttat aatttccttg tattagatcc tctcttttaa aataccaaagt 180
gtgaggaggc tgggtgcagt ggttcatgtc tataatccca gtatttggga ggctaaggcg 240
ggaggattac ttgagcctag gaattcaaga ccagtctggg caacatagtg agatctcgtg 300
tctaaaaat 309

<210> 2096
<211> 333
<212> DNA
<213> Homo sapiens

<400> 2096
tcaagcaatt ctctgcctc agcctccaga gtactctgaga ttacagacat gcgccaccac 60
accgggctaa tttttttttt tttttttaag gggagacggg gcttttccct gtggggcagc 120
ctggccttga actcctgacc acggtggggg aaaaagctga agccgacaag aatgataatg 180
ccttagaaga ccttcagctg ctgatgtttg aagccagcct tactatctgt gggaataaac 240
ttgatgatcc cccaaccac tggaaccgcc tttattgaaa ggtcaaacag aggcctctgta 300
ttggcgaaaga ggcaatggca cctgaaggaa cc 333

<210> 2097
<211> 292
<212> DNA
<213> Homo sapiens

<400> 2097
aagttctaat cagagtaatc agacaagaga aagaaatata gggcatccct acaggaaagg 60
aagaagctcaa accatctctt tgctgatgat attattctat atctaaaaaa ccttaaaggac 120
caaaagcttc ctaaaattga tgacttcagg aaagtctcag gatacaaaa caacatacaa 180
aaatcagtag catttctata caccaataat atgcataact agagccaaat caagaatgca 240
atttcatttg cagtagccac acacacaaaa ataaaatacc taggaataca tc 292

<210> 2098
<211> 398
<212> DNA
<213> Homo sapiens

<400> 2098
ttgtgctgct gcatttacag aatttttttt gttaaaaaaa actgtagaaa tgaaggcttg 60
ttattctcat ttccattaca taaatggttg ctcaaatgtg aatttctaat ttatcatagt 120

ttatgggtgat	acattaagag	actaatgtgt	catttgtgtt	ttgatttcta	cattctagag	180
agacagttta	atcagtcctg	gaccaaatac	aaacagagta	aactgtgtca	tcattggagat	240
ctgccccagga	aatccccaaa	atacagaagg	atcagaagta	gatggaaata	atgtcataga	300
acgtctctca	caactgtgtt	ataagaatga	cagggaagct	acaggttaca	acagatttgt	360
gaactcagcc	aagcacagt	gtggcagggc	ctagctgc			398

<210> 2099
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 2099						
acacagatac	acacaaactc	cctctaaaca	ccaccaaaat	agacattctt	ctcaagtgc	60
tatggaacaa	tcttcaggag	agagcacatg	ttaggtctaca	acacaaagt	tcacaaattc	120
aaaagaaatt	gaaatcatat	aaagtatttt	tgacaataac	tataaaaata	aactaaaagt	180
caatattata	aagaaaatgg	gaaaatccac	aaatcagtag	aaattaaaca	acatactctt	240
caatgaccaa	aaagtcaagg	aaaagacac	aaggaaagtt	gtaaaataca	tcgattattc	300
tatcttctg	gtgaattagc	caan				324

<210> 2100
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 2100						
cggtgctgtc	gattcaagtc	ctttgcctat	ttttttcttt	ttttgaggag	aatcgcttga	60
acctgggaga	aggttgcagt	gagcagagat	catgccactg	cactccagcc	tgggcaacag	120
agcaatattc	tgtacaaaaa	aaaaaccagg	acaaattgaa	aaaaaaatgg	aagcggggca	180
tgggggctca	catgttaaat	cctacctagt	tggggagctg	aaatggggag	attgcttgag	240
tccccgggtg	caaggcttga	gggagctatt	atggtaccac	tgtgctccag	ccaggggcaac	300
aaagggagac	cctgctgtat	cttaaaaagg	aaaaaggggt	gggcgtgagg	gttcacgcct	360
gtaatccagc	cactttgaga	cgccaagg				389

<210> 2101
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 2101						
atatgatata	tcaacttaag	ttattttaa	taacttacaa	gacacattga	aaacaagtaa	60
caaatgttaa	tcctttgtga	tcattatttt	aaatgttaat	agattagact	ccttagtcaa	120
aagacttagg	tggtctgaatt	ctgaatggat	taaaagaaag	aaaaagaaag	attcgatttt	180
aaacttttga	aaggaaactc	actttagatt	taagatcact	tacaggctga	aagtgaatgg	240
atggaaaaac	acattctgtg	caagttgtaa	ccaaaagaga	gcagagatga	ctntacttat	300
atgagacaaa	ataaaacttg	aaaaacactg	tcaaat			336

<210> 2102

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<211> 327
<212> DNA
<213> Homo sapiens

<400> 2102
tctagcagta gacagtatat aacttagagt caagaaatgt tgggccaggc gcggtggctc 60
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aggggggacgt tgccccacata tatgcaaatc tattgcactg gagatatctg agacataaag 180
gaaaagggtga ctgttcataa aagaatgccc cacaagtgtt aaaaatgtgc ctgataaaat 240
ataagtgact actggcctgg agcagtggtc cagcctgtga atcctagcac tttagagaggc 300
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327

<210> 2103
<211> 331
<212> DNA
<213> Homo sapiens

<400> 2103
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tttgacctct gctccagagg aagattttct ctccattcat atccgagcag caggggactg 120
gacagaaaaa ctcataaagg ctttcgaaca acaatattca ccaattccca ggattgaagt 180
ggatggctcc ttgggcacag ccagtgaggga tgttttccag tatgaagtgg ctgtgctggt 240
tggagcagga attgggggtca ccccttttgc ttctatcttg aaatccatct ggtacaaaatt 300
ccagtgtgca gaccacaacc tcaaaacaaa a
331

<210> 2104
<211> 319
<212> DNA
<213> Homo sapiens

<400> 2104
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gatctctccc actcagcctg ccaaggggct ggtaccacag gaatgcaatc ataaacttct 120
ggggtcaaat gatgactctt gatttgggtac tcccaaaagag caggaaactac acgcatgagc 180
cactgagcct ggctggaact aaacagatca cactgtgcta aaagaaaata ttccccacgt 240
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attcccttta taacgctca
319

<210> 2105
<211> 332
<212> DNA
<213> Homo sapiens

<400> 2105
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caagacttgt ctctaaaaaa taaaaataaa ggtgagatgc acaggacctg tgtgtagaat 120
gttatatgag taaggaaaaa tagtctaaag tggaaaaata aaaggttata gcaggcattt 180
aaagggagac aggaagagca agtggataga aaagtattg aagagttagg gaacaaggga 240
gtaacacctg acttgcttct cagttctacc gaagaatctg taaatcacca ggcattggtg 300
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332

<210> 2106
<211> 193
<212> DNA
<213> Homo sapiens

<400> 2106

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agacaaaaaa	ggaaggaatc	gaacccccca	tagctgggtt	caagccaacc	ccatggcctc	60
catgactttt	tcaaaaaaat	agaaatgaat	actataatga	gggggcgctt	ttctcttgaa	120
tccccaaatt	tagaaaaact	ttgggggggtg	ggggcccccc	ccccctttta	tgggggggaa	180
aacatttttt	ttt					193

<210> 2107

<211> 378

<212> DNA

<213> Homo sapiens

<400> 2107

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ggcccaaat	aaatgggggg	gaaacccctt	ggcccaaaaa	cgaggggaaa	aaaatcctta	180
cccttttttg	gtcaaaaagta	atttttaacc	cttccccctt	gaacaaaaac	cggtgggaaa	240
caaccccccc	cgaccttggg	gaaaaaaaaa	aaaacctgcc	ccctttcttt	ttgtggaaac	300
tggagggggg	gaagcccccg	ggaaaaagcc	aaaaaaaccc	aacctttttc	cccccttctc	360
gggaaaaatg	gcccaaaa					378

<210> 2108

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2108

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tggtctcgaa	cttctggcct	caaatgatct	ctttgccttg	gcccccaaaa	gagctggatt	240
acaggagtga	gctactgtgt	ccagcctaatt	cttctgtttt	ggagtcaagt	tgtgtaggct	300
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<210> 2109

<211> 147

<212> DNA

<213> Homo sapiens

<400> 2109

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aggcaaacgc	catgtgctta	ttatgcc				147

<210> 2110

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2110

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gtctgggtctc	tctctccatc	catgtcgggt	ccccccaacc	ccctacaaca	atagtccttg	180
aactagagac	tctttctcgg	ccagcttctt	ggcaaaaggt	ttaataaaca	catgcctctg	240
gtcgggtctct	gtgctctgcc	agtcgagtgg	ccctcgtcag	cctcatccac	tttattctta	300
cccatctttt	caggcttcac	cctgaagaac	tgggaggccc	tccactgaag	aagctgaaac	360
aagagggttg	agaacagagt	ca				382

<210> 2111

<211> 460
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

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 catccatcca tccaatcacc catccaacca tcaatccaac cattttctatc tgttcatttt 180
 ccatccatct acccgtccac ccattcaact ctccatccac ctacotatcc atttatcacc 240
 catttaccca tccatccatc catccttcca accattttatc caccocatcca aacatttcca 300
 tctgtttttc catccatcta cccatccacc cattcaacta tccatccacc ttccatccca 360
 ttatccatcc atctacccac tcaaccatcc atccaacctt ccaaccattt atccaccatc 420
 ccaactattt ccatctgttc attttccacc catttaccnn 460

<210> 2112
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2112
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 aatatccctac agaatgatcc atatgctgag gagaagaatg tgtattctgc agccattaga 120
 tgaaatgttc ggtaaatata tattaggctcc gtttggcttt tagtgcagat taaatccagt 180
 gtttctgttg tgattttctg tctggaaagt ctgctgtgtc aatgctgaaa gtagggtgtt 240
 gaagctccca gccattatcg tcttgagatc tgcgtctctc tttagttcta atatttgctt 300
 tatgtatctc agtgctccag tgatgggtac atatatatc acaatcattg tatectcttg 360
 ctgcattgac tgcattatca ttata 385

<210> 2113
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 2113
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 ctcatataca gaatgaaaga taaaaattac atctcaatag aagcagaaaa aaatttgaca 120
 aaattcaaca ctcttttaca ataagaatta tcaacaaagt atggaaggaa tatacttcaa 180
 catgttaaga gctataatc gaaaagccca gagacaacat cacaactagt ggtgaaaaacc 240
 tgaaagtgtt tctcttaaga tcaggaaaaa ggcaaggagg ccaactcttg ctacatctat 300
 ttaacatagt actggaatt ctagccagag caa 333

<210> 2114
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 2114
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 aggttgggaag tactcttttt gaagaatctg cgaggaaaag ttgggagccc attgagacct 120
 atgggggaata acagaatatc tccagataaa aacaagaag aaattatctg tgcaactgct 180
 ttgtgatgtg tggattccac tcacagagtt aaacctttct tttgattcag catgttggaa 240
 accctgtttt tgcattgtct gcgaagagac agttaagagc ccattgaggc ctatggggaa 300

aaccaaataat c 311

<210> 2115
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2115
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 agcagaaaaa ctggtttggt ggagagaccc gataacaaaa agttgggaaa taggtaaaaat 120
 aataacctgg ggtagagggt atgcttgtgt ttctccaggc caaaatcaac agccgatttg 180
 gataccatca agacacctga aaccttatta tgagccagat gctgaggaag agattctctggg 240
 aggatcccaa ggactcccca gttgcagcca tgtcgagact gatgctgaag aggaccccaa 300
 ctgtcacaag caa 313

<210> 2116
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 2116
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 aatatctatca tagaattatg taataagacc aattttatatt tgctagagac cacttatctc 180
 ctaactgggt atctgagctt tgggcagagc ccattgttcaa tctctgttct ccaaaaaagg 240
 agaattcttta tgtggctagg ccaggtgatt gttctacagt acatcaagga aatcttttta 300
 acaaaagacat ttctatgtgt ctaagctata ctattccctt aagatccaag agtag 355

<210> 2117
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 2117
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 cgaaagtctg tctactgatg cagcacacaag gatgtataaa aaaaaaaaaa aaaaaccccc 120
 cccccggggg aaagaccctt ttaaggtttg gtttggtttt tttttttggg ttgggttttt 180
 ggttttttta cctcagggaa aaacctggaa aagggggcaa accctctatt tggatttttt 240
 attagggggc cttttttaa aaaaaggctc cactgggaaa ggaaaaaggg gggggggggg 300
 gggaaaaaaa aaacttttgg gggtaggggg atataaaaaa attttggccc ttgtgttcaa 360
 aaaacccgca ttttaaaaaa aaaaaaatc ccacccaac cacc 405

<210> 2118
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 2118
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 ggggtgtctt gtccaagaca cccccagaa tctaaaaatg ctgcgtatag tggaaacctta 120
 tgtgacctgg ggatttccaa atctgaagtc tgtgagagaa ctcatattga aacgtggaca 180
 agccaaggct aagaataaga ccatccctct gacagacaat accgtgattg acgagcacct 240
 ggggaagttt gtctgtcattt gcttgggaaga cctcattcat gaaattgcct tcccagggaa 300
 gcatttccag gagatctcat ggggtcttgc cctcttccac ctctcagtgg ccgcctatgc 360
 taccaaaaat agagtgggct ctctca 386

<210> 2119

<211> 350
 <212> DNA
 <213> Homo sapiens

 <400> 2119
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 tctccagttt gggggcagct gtttgacctg tgaacttaact tctcttacag atctaagaaa 180
 agttgttgat ttttcagttt gttcagcttt ttacttgctc ttaggatcga gttgactgat 240
 ctctctctgc ctgcttcttt ttgtgttccc tttttttttt atactcaact tcttctctcc 300
 tttatttgct cgcgtcctgg ttctcatcga ttctctcttc tccccttcc 350

 <210> 2120
 <211> 323
 <212> DNA
 <213> Homo sapiens

 <400> 2120
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 acattgagag actcaaacct ttgtctgccc cacacacatc catgaataac tacaacagtg 120
 ctgcaagtat tgatttgggg gttttgaata aattttaatg agcagataaa ttgcaaaaa 180
 cagaatctgc aaataatgag ggtcactggg atttggtgct ttctcgagaa tgggtggaag 240
 acggcactca gctgggactg tccaatgggg agagggtccat gtgtggccct ccaacatgct 300
 acagggcact tggacttctt att 323

 <210> 2121
 <211> 317
 <212> DNA
 <213> Homo sapiens

 <400> 2121
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 gatatatgga tggatgagta gatacatggg tagatgggtg gacgaatata tgagtggact 120
 agtaaatggg tgagtgaatg catggatgga tggatggata ttttgacgag ttaatatata 180
 ttttggatgt ttaaggatat ttattttttg tatattggat ttatttttat ttattttttg 240
 ttttttgtat attatttata ttttttgttt tttttataaa tatgttgttt ttgatatttt 300
 cgggtgtgtt attttttg 317

 <210> 2122
 <211> 387
 <212> DNA
 <213> Homo sapiens

 <400> 2122
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 ttcaataaaa gttgctgttt aacactacca gctcaccctt gaattctttc ctgggtgaaag 120
 ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180
 ttgctaattt gctctctaga aptgcttttc caggttgggc gcagtggctc acactctgaaa 240
 tcccagcaat ttgggaggct gaggcaggca gatcacctga ggtcaggtgt tcaagaccag 300
 cctggctcac atggcaaatc cctgtcttta ctaaaaatac aaaaatttagc tgcgcattggt 360
 ggctcatgcc tgtaatccca gctactt 387

 <210> 2123
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2123
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 ctaagaacccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180
 ttgtcaaaatt gctctctaga attgcttttc cagggtgggc gcagtggctc acatctgaaa 240
 tcccagcact ttgggaggct gaagcaggca gatcacctga ggtcagggtg tcaagaccag 300
 cctggcctac atggcaaatc cctgtctt 328

<210> 2124
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 2124
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 aatgataaag ggagttcttt aatctaaaat aaatggacac tagatgcaac aagaacacgt 120
 ctgaagggtat tgaactccca ggtaaaagaa agaaaataga caaacttaaa atactcctaa 180
 tactgtaatc gggataagta aatcatatat cctatgtatg aagactaaaa gacaaaaatg 240
 ttaaaaaata ctgcaggcca ggtgcggtgg ctacgcacca gtaatccacg cactttggga 300
 ggttgaggcg ggcagatcac gagatcaaga gattgagacc agc 343

<210> 2125
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 2125
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 ggcctctgtg cgctgggacc cttcaggtag gacagctccc aacgctgtgg ggactctcag 120
 caaaaactct ccttcccttc caccgctctg ctctctctga cctcatctta gctttgtctt 180
 tctctttctt ccttcgctat ttttctatga tctcttaaga accaagtcct tgaactttt 240
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 acggagtcct gggaaatc 318

<210> 2126
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 2126
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 tcagccacct atccaccat ccatccatgc attcagctta tccatccctg catccaatcc 120
 atcctttcat gtatctgtcc gctcatccat ccaccattc atctgtccat tcaaccaccc 180
 acaaatctac ccatccatgt gtgggagagc atgatttaac tcatatataa acaatttata 240
 attactgtga taagagctgc aaagggaata aacatggtat taaaggataa tagtcactag 300
 tg 302

<210> 2127
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 2127
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 acgtcagctt tcggaagaa catatgacta agtcttcaac agcaattgcg acaaaaacaa 180
 aaattgacaa gtgggacctt aactaaagag tttctgcaca gcacgagaaa ctatcaacaa 240

agtatacaga cgacctacag aataggagaa aatattcaca aactatgcat ctgacaaagg 300
tctaataccc agaactata acgaacttag gcaattctat aagcaag 347

<210> 2128
<211> 374
<212> DNA
<213> Homo sapiens

<400> 2128
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gttttcttct agcagtttta tagtttcagg tcttaggttt aagtccttaa ttcattttga 180
gttggaattg tgtgtggtgt gatgtaaggg atgcatgtgg atattcattt tcttgacaac 240
atttattgac gagattgtct tttcccatc atgggttctt ggcaaccttt tcaaaaatca 300
gttgacctta aaaatgtgga tttatttctg ggctctctat tcttttccat tgaatgatct 360
gtttgttttt atac 374

<210> 2129
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

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cagttacttg cggggctgaa gcaggaagaa ttgcttgagc ctacgaggtc gagactgcag 180
tgagctgaga ttgtgccact ggcactgtgg cctggatgat aaagtgcagc cctgtcttat 240
aaaatcaaga gaaaagagaa gaatcagtat tgtgattaat aaggggagaat tccacgctgg 300
gcattggaggc tcatgcctgt aatcccaaca ctttgggagg ccgagggggc atggatcttc 360
tgtgggcaag gattttcaga accagcg 387

<210> 2130
<211> 149
<212> DNA
<213> Homo sapiens

<400> 2130
gctctcgctc ggtttttctt ccgccaattt ggttcccgct tccctgcaca gcctcctttt 60
tattcccttc cttcagaaat gcccgggcga gccacagaaa ccgtccctgc tacagagcag 120
gagttgccc agccccaggc tgagacagg 149

<210> 2131
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 2131

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gtacacccta	ggctggggac	agtgggtgga	gccagaagtc	ccagctactc	gggagggctga	120
ggcggggagaa	tcacttgagt	ccaagagttc	tggggttagt	tgcgtgtgt	caatcgggtg	180
cctacactaa	gotcagtaac	aacatgggtga	tctccctggg	agagggggaac	caccaggttg	240
cctaaggagg	gotgaaatgg	cccagatcgg	aaaggtcaaa	actcccgctg	tgatccagta	300
gtggaatcac	tcocgtanat	agccaaaaca	ctccagcctg	ggcaacaaga	tgagaccctg	360
tctctaanaa	aaaaaaaaaa	aaaaaaaaac	ctgggtgggc	ag		402

<210> 2132
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2132	
gctctgccag	ccaactggaga atggacgtaa tggagccaag gatggcacca ggaagtccag 60
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gggggttgggg	ccttgatattc aaagcatcca tctgaacata ttgtcaccgg tgcactccta 180
gagagacagg	tccatgggtgtt ggagctggag gccacagtag gccaccaggc 240
atgttttcca	cgaaaaccga aactcttgac gggattacta acattggggag atttccgttt 300
cttggagccc	agtgaggaggg ctgcaccagc cttaaa 336

<210> 2133
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 2133	
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ggggccacgga	gatttgcacc cccttccccc gattctcaag tgccactaga agtctccaga 120
actgtgaatt	tattctagca cgccctgcac ttcaacaaga aaagagatct ctccctgggc 180
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ccaactctga	tttgggaatc caaacccaac tccctttcta tcaactgacag cgattgaggc 300
caatgcctac	tcctttggga tgatgctcgc ctgtctcaag accgactgac ccatgttcaa 360
cn	

<210> 2134
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 2134	
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aagaaaaaga	gactggggac ggtggctcac gctgttaac ccagcactct gggagcgaga 120
cgtggggcgga	tcacagaggtc acgagatcga gaccatcctg ggcaacgtgg agaaacctgt 180
tctctactga	aaataatacca aataactgg gatggacggg cacacctgtt gcctcagttt 240
cttggggaggt	taaggcctgg gaaccacttg gggccgggt

<210> 2135
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 2135
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 tagagctaat aaaaaaccca gtttcttttc aagtctcttg acctgtgtac cttgactgaa 120
 aaggtacctt tacaaggtag acagtctctt cacaagggtc ctgacctgtg gtaagtgcg 180
 agtgttactt tctgacgtgc ccaggaaact caagttattt tgggacctca agaagagaag 240
 aatttaccaca attcatcacg gcattgcaga cagtcaatga ttaatgacaa atctctgcct 300
 tggttttata gcctcc

<210> 2136

<211> 340

<212> DNA

<213> Homo sapiens

<400> 2136
 ccagctactt gggagggtga ggccggagaa tcaactgaac ccgggggggca gaggttccag 60
 tgagccgaga tctctgccact gcactccagc ctggggcgaca gcatgagact cctgtctcaa 120
 aaaaaaaaaa aaaaaaaatg gcccggaag gggggctaat cctgaaatc cggccctctt 180
 gggggggcgg ggggggggga tcacctgggg taaggatttc aagacccccc tgaccaacag 240
 ggggaatatcc catcttctcc aaaaaaccaa aatttatttg accgtggggg cgggcccctt 300
 gatccccaat ttttttgag ggcttgaac gggaaaattg

<210> 2137

<211> 136

<212> DNA

<213> Homo sapiens

<400> 2137
 gagccacctc gcgcgcgcct ccaggagcaa gtatggagag gctgggtgatc aagatgccct 60
 tctctcatct gtctacctac agcctgggtt ggggtcatggc agcagtgggg ctgtgcacaa 120
 cacaagtgc aagtgg

<210> 2138

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2138
 ggccagagcc acggacgtcc aaaaagtcca aaccaaagga cagcgataaa gaaggaaact 60
 caaattccac ctctgaagat ggcccgagg atggattcac cattctgtct tctaagagcc 120
 ttgtttctgg acagaagctg tcttaaccc agagtgcac cagccatatt ggtccatga 180
 gagtggaggg cattgtccac ccaaccacag ccgaatttga cctcaaaagaa gatatacgcg 240
 ccgtcagcca atccagtgga ctgcagccca aatttgtcat ccaactgtcac atccctcagt 300
 ggggctccga caaatgtgaa gaacagcttg aagagacct caaaaactgc ctgtcagcgg 360
 cggaggacaa gaagctaaag tccgtgcgct tcccgccctt cccagcgcg 408

<210> 2139

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2139
 attccacatt ccagccagtg ggaaggagaa aggggggaatg gcataccctt tccctttaag 60
 gtacacccta ggctggggcac agtgggtgta gccagaagtc ccagctactc gggagggtga 120
 ggccggagaa tcacttgagt ccaagagttc tgggtgttag tgcgtgtgt caatcgggtg 180
 cctacactaa gctcagatc aacatggtga tctccctggg agaggggaa caccaggttg 240
 cctaaggagg gctgaaatgg ccagatcgg aaaggtcaaa actcccgtgc tgatccagta 300
 gtggaatcac tcccgtaaat ag

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<210> 2140
<211> 334
<212> DNA
<213> Homo sapiens

<400> 2140
gactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag      60
tcacggggggc agagtgttgc gctgtccagg caatcacagt attggtgtcg tgtctcagca      120
agctggggggt tggggccctg gattcaaagc atccatctga acatatgtgc acccgtgcat      180
cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaagccac      240
caggcatgtt ttccacgaaa accgaaactt gtgacgggat tactaacatt gggagatttc      300
cgtttcttgg acgccagtgg aggggctgca ccaa                                334

<210> 2141
<211> 132
<212> DNA
<213> Homo sapiens

<400> 2141
gagccgcctg gataccgcag ctaggaataa tggaatagga ccgcggttct atttcgttgg      60
tttttcgagc tggggccatg actcacatgg ggtgtcgggc ttatttggat gtgttcgagt      120
ggagggggtgg gg                                132

<210> 2142
<211> 321
<212> DNA
<213> Homo sapiens

<400> 2142
taaaacttaag taaaggagtg gaaaagggca tttcatgcaa atggacacca aaaacgagct      60
ggggtagcata ttcttacata agacaaaaca aactttaaag caacaacagt taaagagagac      120
agagatgtta tataatggta aaagtccctg ttcaacagga aaatatcaca atcctaaaca      180
tacatgcacc taacactgga gctcccaagt ttataaaact atgactaata gacctaaagaa      240
atgagataga caacaacaca ataatagtgt gggacttcaa tactccactg acagcactag      300
gcaggctcatc aagacagaaa g                                321

<210> 2143
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 2143
ggagcactgg gccaaaaaca aaatcaagag ggaattaaa aacattcttt gaattgaatg      60
acaataacag cacaccctat caaaacctct gggagcagct aacgtgtgtg aaagaggaaa      120
gttcgtagcc ctaaatgcct acatcaaaaa gtctgaaaga gcacaaaacag acaatctaag      180
gtcacacctc aagggaactcc agaagcaaga acaaaccaaa cccaaccca gcagaaggaa      240
ggaaataacc aagatcagag cagcactaaa tgaattgaa acaaacaaa caacaaaaa      300
caaaagacaa an                                312

<210> 2144
<211> 157

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<212> DNA
<213> Homo sapiens

<400> 2144
tccttttggg aggtgacgac ctacggggcac tttaacgtgc ctatcaccta ggaatctccat    60
aatatgtctc tagaagagga gatgaggaat cctctacaa aacacgtgat gcggagcccc    120
aattctact tcttggatgt gaaacgcccc tgatgct    157

<210> 2145
<211> 336
<212> DNA
<213> Homo sapiens

<400> 2145
tgctttgagt agtaagggca tttaacaat gcttattttt ccagtcctatg aatatggaat    60
atctttccat ttatttggat cttcttcaat ttcatgcacc agtgttgat agtttttgtt    120
acagagatct ttcacttctt tgggtgatcc ctagggaattt tataaatatt attgatttgc    180
aaataaatatt tattgatttg caaatgttga accatgcttg cattctaggg ataaatcccc    240
cttgatcatg atgaatgata tttttaatgt gttgctgaat ttgatttgcg ggtattttgt    300
tgagaatatt tgcatacaata ctttaattgca tttcag    336

<210> 2146
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 2146
gaactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag    60
tcaacgggggc agtgtttgc gctgtccagg caatcacagt attggtgtcg tgtctcaaca    120
ggctggggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat    180
cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaggccac    240
caggcatggt ttccacgaaa accgaaactt ctgacgggat tactaacatt gggagatttc    300
cgtttcttgg acgccagtgg aggggctgca ccagccttaa aaagaaatca tgtgagcctc    360
cacgaatcag cacacacagg agaantaag ggtctgccca ctttagtggg ttg    413

<210> 2147
<211> 338
<212> DNA
<213> Homo sapiens

<400> 2147
gtaacaaact gtgggtcaagg cagaaacaaa cagtgagatc aaatcagtaa tttaaaaatt    60
gccaaaaaac aaaagcccag gtctaggcag attcacagct gaattatacc agaccttcaa    120
aaattaatgg tattaatcct attaaattat cccaaaagat tgaaaaaaag ggaatcttcc    180
ctaactagc tgtgaaatca gtatcacttt gacaccaaaag tcaggaaaagg acatagaaaa    240
gtggaaagta gagaccaata tccctgatga gtatacagc aaaaaatcctc aacaagatac    300
cagcaaatat acatcaacag cacattaaaa ttgtaatt    338

<210> 2148
<211> 333
<212> DNA
<213> Homo sapiens

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<400> 2148
 ataagcaaaa ggcccagtc ctgtcctcag gagctcatgg tccaaagtc aatcacataa 60
 aaacatttga gtcccctttg aaatgagtat tgttttcttg aacaaatttt caacttgctg 120
 tagttttttt cctgatacact ttcactcctgt ctttccaaga tgggatattg ttatttagaa 180
 attactcac cctgggacagc tgcttctctc ttttgcctcag gcccgtagca ctgcaggatg 240
 ggcaagtgtc gtggacctca tactgtctagg agtctctgta gtcaccaaca agatcagaag 300
 tggcatgata aacagtacaa gaaagcccat ttg 333

<210> 2149
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 2149
 cagtgttcaa gatacaaat caatgcacaa aaatcagtag catttctata caccaacagc 60
 atccagggtg cacgtggaat aaaaaacaca atcctactca aaatagccac aaagaaaaatg 120
 aaattatcta ggaatacagc taaccaaaaga ggtgaaaagc ctgtacaaag agaaccacca 180
 aacactgctg aaagaattca gaaatgacac acatgaacag aaaacattcc atgtctcatgg 240
 attgaaagaa tcaatgtcat ttgaaatgtc catactgcac gaagtaattt aaagattcaa 300
 tgcatttctc atcaaaactac caatgtcatt cttcatagga ttg 344

<210> 2150
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2150
 gggaaatgcg tgttctagct tctgtgtgct ttaggtgcc gagtactga ggtctaatg 60
 cggggcagcc gaagagtgtg gtgcgaagat gaacaaagat gcgcagatga gagcagcgat 120
 taacccaaaag ttgatagaaa ctggagaagag agaagcgctc acagagtgtg tgagagctaa 180
 attaatgtaa tgtggctgga aggatcagtt gaaggcacac tgtaagaggg taattaaaga 240
 aaaaggacta gaacacgtta ctgttgatga cttggtggct gaaatcactc caaaaggcag 300
 agccctggta cctgcacagtg taaagaagga gctcctacaa agaataagaa cattccttgc 360
 tcagcatgcc agcctttaag attgaattag attgtggtgg 400

<210> 2151
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2151
 ggaaatgcgt gttctagctt tctgtgtgct taggtgccg agctactgag ggtctaatgc 60
 cgggcagccg aagagtgtgg tttagcaagat gaacaaagat gcgcagatga gagcagcgat 120
 taacccaaaag ttgatagaaa ctggagaagag agaagcgctc aaagagtgtg tgagagctaa 180
 attaatgtaa tgtggctgga aggatcagtt gaaggcacac tgtaagaggg taattaaaga 240
 aaaaggacta gaacacgtta ctgttgatga cttggtggct gaaatcactc caaaaggcag 300
 agccctggta cctgcacagtg taaagaagga gctcctacaa agaataagaa catt 354

<210> 2152
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 2152
 cgccggtgtg atacactgac ctgactatta acagcccaat atctacaatc aaccagcaag 60
 tccttattac cctcactgtc aacccaacac aggcattgctc gtgggaacc accctttatt 120

tgagattaaa	aaagggggct	tttttttaaa	aagccccacc	acttggcata	tcctggggagg	180
ggttggcccc	cccccccct	tggtggcggg	ggaaaagggc	cttttttttg	aatttttga	240
acccccgggg	ttttttgggc	cccttataac	ccggcatt			278

<210> 2153
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2153						
gggaaatgcg	tgttctagct	ttctgtgtgc	ttaggtgccc	gagctactga	gggtctaaagt	60
ccgggcagcc	gaagagtgtg	gtcgcacgat	gaacaaagat	gcgcagatga	gagcagcgat	120
taacccaaaag	ttgatatagata	ctgggagaagg	agaacgcctc	aaagagtgtc	tgagagctaa	180
attaattgaa	tgtggctgga	aggatcagtt	gaaggcacac	tgtaaaggagg	ttattaaaga	240
aaaaggacta	gaacacgtta	cttgtgatga	cttggtggct	gaaatcactc	ccaaaggcag	300
agcccttgta	cctgacagtg	tgaaaaaagg	agctcc			336

<210> 2154
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 2154						
agaacttgag	aaactataaa	tacatagaaa	ctaagcaaca	tgctcttgaa	tgatcattag	60
gttaaggaca	aaattaagga	gaaaaataaa	aaaattcttg	caacaaatga	aaattgaaac	120
acaacatacc	aaaaacctac	gggatgtgga	aaagaaggaa	aatctccagc	aataaatgcc	180
tacatggaaa	aaatagtaag	atctcaataa	aacaatctaa	caatgcaact	ctataagcta	240
gatacacaaa	aacaaaccag	actcaaaatt	agttaaataa	ataataagat	cagagcaaaag	300
ctaaataaat	acgagagatc	aatcaaaaca	acat			334

<210> 2155
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 2155						
ttctgtctca	gcctcccgag	tatctgggac	tactggtgcc	caccaccaca	cctggctagt	60
tttttgtatt	tttagtagag	acgggggttc	accatgttgg	tcaggatggt	ctcgatctct	120
tgacctcgta	atgtaccoga	ctcgggctcc	caaagtgcct	ggatgacctc	tacgtatctg	180
ttagatttac	ttctccacgt	tcttatcaac	ctgtttgcgt	atgctcatga	gctgtttctt	240
gttcgggag	tgaagccagg	ctctttcctt	tctcttatgc	agagtaactg	ccaactgcctg	300
ggactttcag	tcaacctcgt	gcgccaggca	c			331

<210> 2156
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 2156						
aaattaacaa	tctaacatca	caactagagg	aactagaaaa	acaaaaacat	actaacccca	60
aactggcaga	agaaaaaaaa	ataactaaaa	tcagagcagt	actgtacaga	attgagaccc	120
aaaaaaatca	tacaaaaaatt	caacaaaaacc	aaaaggtggt	tcttccaaag	gataaacaag	180
attgatagac	cacaggctaa	attaacaaag	aaaagagaaa	agatccaaac	aagcacaatc	240
agaaacaaac	aaagtgaat	tacatcaat	cccacaaaaa	tacaaaaaat	cctcaaaaaac	300
tattatgaaa	acccttatgc	acaccaacta	aaaa			334

<210> 2157


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<211> 337
<212> DNA
<213> Homo sapiens

<400> 2157
agtggagccat gattgtgccca ccacactcca gcacaggcaa aaaagcagac cctattttcta 60
aaaaaaaaaa aaattaaaat taaaaacatt tttaagaat gacatttcac aatgataaaaa 120
tgacaaacccc atcatgatga tataataatt acaaacatat atgccccata caacagagccc 180
tcaaaataaca tgaagcaaaa gctgacagaa ttgaagagta aaatcatcaa tacaataata 240
atatttgtag ccttcaatat cccactttca attatgaaca gaacaactac acagaagggtc 300
aatgaggaaa taaaagattg aataacactt caaacca

<210> 2158
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (343)
<223> n = A,T,C or G

<400> 2158
tacgggtgtgt agnnnnnnnn nnnggggtact gttttttctga gcacaggata taggaatcaa 60
tctgtttctta ttttataatt caggtaatat ctcccagctg taatgatgac atcacagtga 120
aaaaggatca gtgttttagtt cgtacattta ttgattcttaa attgtgagta atgaatcctt 180
taatgatgtt acgtggggagg aaaaaaaaaa tagaattaca atgatagaca cctcccccac 240
caaaacttta tttttaaaag tctaatacatt catgaactga gaagttgtta cctaataaggt 300
tttgactttt tgtaatgtag ggtatttttc actaataaat etg 343

<210> 2159
<211> 354
<212> DNA
<213> Homo sapiens

<400> 2159
aggggggtgag gcgcgggttc tccatatgct gaggcggcgt cccctgggac cactttttctt 60
tctctatact ttggctctgt tgctttttctt ttctcaagtc tctcgttcca cctgaggaga 120
aatgccacaca gctgtggagg cgcaggccac tccatctggg gcccaacgtg gatgctttcc 180
tctaggggtga agggactctc gactgtggtc attgaggaca agtcaacgag agattcccca 240
gtacgtctac agtgagcctt gtgggtgaag gtactctaca gtgtgggtcat tgaggacaag 300
ttgacgagag agtcccaagt acgtccacgg tcagccttgc ggtaagcttg tgtg 354

<210> 2160
<211> 317
<212> DNA
<213> Homo sapiens

<400> 2160
gatataaatt aatatacaaa aatcaattgt atttctatac acttgcaatg aatcatccaa 60
aactaaaatt aagtaaacaa ttctatttac agtaacatca taagagagta aacatttacg 120
aataaattta acaaaaacat ttccaacata tactctgaaa actacaaaaa attgttttaa 180
gagagtcata aatatctaca gaataggaaa aagaatgcac attcacgaat aagaaggcct 240
gatattgttt aagatgacaa tattcccaa actgatctac agattcaaaag cagtctgtag 300
cagaatccca gctgacc 317

<210> 2161

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<212> DNA
<213> Homo sapiens

<400> 2165
gaaggaaatt ggaaaaaaaaa atttaaacaa atgataatga aaacacaaca ttccaaaaac 60
tatgagatgc aacaaaagca gtactaaaag ggaagttaat agatacaagt gccacatcg 120
taagagaaaa aaaacttgaa ataacctaat gatgcattct aaataactag aaaagcaaga 180
gcaaacccaa cccaaattta tgagaagaaa agaaagaata aatatcatag cagaataaaa 240
ttaaattgaa acaaaagaaa caatccaaaa catcaatgaa atgaaaagtt ggtgtgttga 300
aaa 303

<210> 2166
<211> 314
<212> DNA
<213> Homo sapiens

<400> 2166
tcttcactga tgatatgatt ctatacctgg aaacccttaa acatttcacc aaaaagcttc 60
tagaactgat gaacaacttc agtaaagttt caggatacaa aatcaatgtg aaaaaatcaa 120
taccattctc atacaccaat aatgtttaag ctgagaacca aaccaagaac ataactctac 180
ttacaataca cacacacaca cacacacaca cacacacaca cacagagata 240
ggtatatatc tacgcggggg ggtgagagat ctctacagag agatctacaa cactctgggt 300
agagaaatca gaga 314

<210> 2167
<211> 320
<212> DNA
<213> Homo sapiens

<400> 2167
ggcggcgagg gtctccata tgcctgagcg cggtcccctg ggcacacttt tctttcteta 60
tactttgtct ctgttgtctt tcttttctca agtctctcgt tccacctgag gagaaatgcc 120
cacagctgtg gagggcgagg ccaactccatc tggcgcccaa cggtggatgct tttctctagg 180
gtgaaggagc tctcgagtggt ggtcatttgag gacaagtcac cgagagattc ccgagtagct 240
ctacagtgag ccttctgggt gaaggtactc tacagtggtg tcatgggaga caaggtgacc 300
agagaggccc aagtagctcg 320

<210> 2168
<211> 313
<212> DNA
<213> Homo sapiens

<400> 2168
gcggcgcgagg tctccatat gctgagcgcc ggtcccctgg gccacacttt tttctctetat 60
actttgtctc tggtgtcttt cttttctcaa gtctctcgtt ccacctgagg agaaatgcc 120
acagctgtgg aggcgagagc cactccatct ggtgcccaac gtggatgctt tttctctagg 180
tgaagggact ctcgagtggt gtcattgagg acaagtcacac gagagattcc ccagtagctc 240
tacagtgagc cttgtgggtg aggtactctc acagtggtgtt cattgaggac aagttgacga 300
gagagtcacca agt 313

<210> 2169
<211> 341
<212> DNA
<213> Homo sapiens

<400> 2169
ggatctcgtc ccgggtcccg cagtggtgccc cggagaggaa gcttcgacgc cacaggaat 60

tcttctact	cttattccta	ctcatttagc	agtagttcta	ttgggcacta	gtagtcagtt	120
gggagaggac	gctatacctt	gacttcattt	ataagactat	ccactttatt	aagtagtaga	180
aaacaaaata	aaggtgctgt	gtttatgata	gacaagatat	tctcctgett	acaacataac	240
ttaagacaga	tgggggggct	tttacgcata	gcgtcttcgc	ggctctatgt	tctccttatc	300
ccaaaaattc	gattttccgc	gttggtgata	taaagtggag	g		341

<210> 2170
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 2170	
tacggctggt	agaatacgac
agaactaccta	tattctaact
gggtccacc	aagggagaat
tataaaaaaa	tctttttttt
ttgtccccc	aggttgagg
gggttaatgc	cggtttctcg
ccaaaccggg	tn
	60
agaacaggat	tgtgtaagga
gacacatcta	tttagatacg
gagccatcac	tggaatcctg
cgatgctttt	acagagcact
ggagtgtggt	
tttgggcccg	
ggcccccgcc	
	120
gctctgggca	
ctagaccaca	
aatttttttt	
aattttagct	
ctcacccctc	
caaagtatct	
ggaactacag	
	180
	240
	300
	360
	372

<210> 2171
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2171	
gcggcgccgg	tcttccatat
actttgtctc	tggtgtcttt
acagctgtgg	agggcgaggc
tgaagggaat	ctcgagtgtg
tacagtggac	cttgtgggtg
gagagtccca	agtcagtcca
	60
gctgagcgcc	gggtccctgg
gctctcgtt	ccacctgagg
gtggatgctt	ttctcttagg
cgagtacgtc	
caggtacgtc	
aagttgacga	
cggtcagc	
	120
	180
	240
	300
	328

<210> 2172
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 2172	
acaacctgga	aaggtctctt
aagacaaaat	tctaaaaaac
actgacaaa	aacaatttcc
catccaaaat	gctgaacaaa
taacctttat	aaatgaaggg
	60
tcaactacacg	gagtagtcaa
agtagtctagt	cacttataag
ctcacaggc	caggaaagaa
gccaaaccaa	aatactatac
atttctcaga	taagcn
	120
	180
	240
	286

<210> 2173
 <211> 360

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<212> DNA
<213> Homo sapiens

<400> 2173
aaaaccactt taatacagtt tcaagatata aatatcaatgc acaaaaaatca gtacgatttc 60
tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaaatag 120
ccacaaagaa aatgaatatta tctaggaata cagctaaacca aagagggtgaa agacctgtac 180
aaagagaacc accaaacact gctgaaagaa ttccagaatg acacaaatga acagaaaaaca 240
ttccatgctc atggattgaa agaatacaatg tcatttgaaa tgtccatact gcacgaagta 300
atttaaatgat tcaatgctat tccatcaaaa ctaccaatgt cattcttcat aggattaaaa 360

<210> 2174
<211> 345
<212> DNA
<213> Homo sapiens

<400> 2174
aaaaccactt taatacagtt tcaagatata aatatcaatgc acaaaaaatca gtacgatttc 60
tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaaatag 120
ccacaaagaa aatgaatatta tctaggaata cagctaaacca aagagggtgaa agacctgtac 180
aaagagaacc accaaacact gctgaaagaa ttccagaatg acacaaatga acagaaaaaca 240
ttccatgctc atggattgaa agaatacaatg tcatttgaaa tgtccatact gcacgaagta 300
atttaaatgat tcaatgctat tccatcaaaa ctaccaatgt cattc 345

<210> 2175
<211> 358
<212> DNA
<213> Homo sapiens

<400> 2175
gcaagtaaaag cagggtgcato taaaccagga aggagaacat acttggccct tgcctttctc 60
catttttgggt tttttctcaco aaaagctttc ttcataattt ggtaccactt tctgaaatca 120
aaccatggctt tatctgaaag aaataaaatc caagattatt aaccaaaataa accacactat 180
aataatatac attgtttcac tgagttttca ttaattgact gcaactgggca gttggtgtga 240
gtgtgtgatac aagatgtaga cattagagag acaacagaa cgaatgcact aagatataaa 300
aactcaactcc tcaactcttcc actccatata gggattatcc tccattatcc tctggcgca 358

<210> 2176
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 2176
cggttgctgta ggttgctcct ggtcactccc tttatagcca ttactgtctt gttttcttga 60
actcagggtta ggttttggtc tctcttggtc cactgcnnaa aaaaaaaaaa aaaaaaaaaa 120
aattttacccc cttaaaaaaa taaaaggggg gaaaaccctc ccccccattt ttgggggttt 180
tgaagagata attttttttt ttcccttggg ggggaaaaaa attttttttt ttggccattt 240
taaaccccc ccttttttgg gggggccctt ttttgaaaag ggcaccttaa caaaacctta 300
acgggggttt ttttaacccc gggggggggg gggggggggg gcaaaaattt tttttggggc 360
ccctggcggtt gttttttttt tttttaaaaa aaattggggg ccccccatt 407

<210> 2177

```

<211> 328
 <212> DNA
 <213> Homo sapiens

 <400> 2177
 aattctcaat aattaagatg agaaggaagg taccgccccaa caataaagac cacatgtgac 60
 agactcacgg ctaacatcat attgaatggg gaatatgctga aagtaagaac tggaaacagga 120
 caaggaggcc cattttcact actgttttgg gatattggtac tggaaatcct agtcagaata 180
 attagggaag agaaaagaat aaggggaaac caaattagaa agaaggaatt caaattgtcc 240
 ctgttttcac aggacatgat cttatatata gaaaaaccta gactccacca aaaactctct 300
 agaactgata aacaaattca gtaaaagt 328

 <210> 2178
 <211> 305
 <212> DNA
 <213> Homo sapiens

 <400> 2178
 gggccccgga aatgcgtggt ctactctttt gtgtgcttag gtgcccgagc tactgagggt 60
 ctaagtccgg gcagccgaag agtgtgggta gcaagatgaa caaagatgcg cagatgagag 120
 cagcgattaa ccaaaagtgt atagaaactg gagaagaga acgcctcaaa gagttgtctga 180
 gagctaaatt aattgaatgt ggctggaagg atcagttgaa ggcacactgt aaagaggtaa 240
 ttaagaaaaa aggactagaa cacgttactg ttgatgactt ggtggctgaa atcatcctaa 300
 aaggc 305

 <210> 2179
 <211> 394
 <212> DNA
 <213> Homo sapiens

 <400> 2179
 cgtggctgtc gaccgtttat atgtttttct ttgtgtctga aatactctctg aacagagggt 60
 atttttttta gaaaaaggcc gagacggggc tttactatgt tgcccaggct gctgtctaac 120
 tcttgggctc aagcgatcct tctgccttgg cctcccgaag tgctgggatt gcaggcataa 180
 gctaccatgc tgggctgtaa cataatttca agaggaggat ttataaaacc attttctgta 240
 atcaaatgat tgggtgctatt ttcctatttg ccaatgtagt ctacttata aaaaacaaa 300
 gaaacaaaaa cggaataatt cttcaacgg cctttatttg gggtaaaagg gatccttaac 360
 cccctttttt atggaactct caaagcgggg tccg 394

 <210> 2180
 <211> 240
 <212> DNA
 <213> Homo sapiens

 <400> 2180
 gaggcggtc acatacttcc agaagagcgg accagggtg ctgccagcac ctgccactca 60
 gagcgctctc gtcgctggga ccttcagggt aggcacagctc ccaacgctgt ggggactctc 120
 agcaaaaact ctctctctct tcacgggctc tgcctctctc gacctcatct tagctttgct 180
 ttttattttc ttcctctcgt atttttctat gatctcttaa gaaccaagtc cttgaaactt 240

 <210> 2181
 <211> 398
 <212> DNA
 <213> Homo sapiens

 <400> 2181
 ggggaactct gtgttatttt actcttaaaa ccaactctca cttttctctg gtgttttttt 60

tttttttttt	gggaaccctt	caaattcagg	caaagaaggg	ggtaattttt	aaaaaccagg	120
gaaaaaacgg	ccccccatt	tggttgacga	agggttttta	gggcctaact	gggccccagg	180
gcacaccggg	gcoaaattaa	gcccggaatg	ttgccccggc	cggaaaaaag	cgggggcccc	240
tgttttctta	tggggaatta	aagggcgggg	ggtaaaaggaa	ccattccctt	ttctgggaaa	300
taaaaaccgc	aaagtgcga	tggcccgccc	ctttttttgt	ttcggggaat	ccaattgggg	360
ggaacttggg	gaaaaagggc	cttgggaaaa	aaaaaaaa			398

<210> 2182

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2182	
ggattgctct	agctatttgg
tattttctga	agaatgtctt
ttggatagta	tagagatttt
ttccattttt	ttgtgtcttc
agatttttca	cctctttgat
ttttcttgat	
	60
	120
	180
	240
	300
	310

<210> 2183

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (226)

<223> n = A,T,C or G

<400> 2183	
tgmnntttnt	atnttactta
aggaggagac	ccaattctat
ttttttattc	tatctggctt
atatccattt	ttttacattg
	60
	120
	180
	226

<210> 2184

<211> 403

<212> DNA

<213> Homo sapiens

<400> 2184	
tgacgctacc	agctgagtta
ctaaagtgat	tcagccaggc
ccctctctct	ggagactcat
ccactgggta	tgagggaagt
gggtcagtcg	caagcctccc
ttgatgacct	cactactctg
agttccgttt	gtcactgcgc
	60
	120
	180
	240
	300
	360
	403

<210> 2185

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(397)
 <223> n = A,T,C or G

<400> 2185									
cggtgctgtc	gogacgtgct	tetgggtcgg	ggtttcgtac	gtagcagagc	agctccctcg				60
ctgcgagtcta	ttgaaaagtc	gcctcgcaca	caagggtttg	ccgttgctgt	cgctagcagt				120
ggaagaagac	tgaatatctc	gtataccaga	aacatgactc	ttaaagatgg	taaaaacaat				180
gtagccatag	ctgtaacgta	taaccatgat	gggtcttata	gcattgcagat	tgaagataaa				240
actttccaag	tctctggtaa	tctttacagc	gagggagact	gcacttacct	gaaatgttct				300
gttaatggag	ttgctagtaa	agcgaagctg	attatcctgg	aaaacactat	ttacctatct				360
tccaagggaag	gaagtattga	gattgacatt	ccagtcn						397

<210> 2186
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 2186									
ggctgactct	cttttcggac	ttagcccgcc	tgcacccagg	tgaataaac	agccttggtg				60
ctcacacaaa	gcctatttgg	tggtctctct	acatggagct	gcattgacatt	gggtgctgaa				120
accogggaca	ggaggactcc	ttcggggagac	cagtcacctt	cccctgtctc	cgccctcaat				180
cccttgaggag	atccactctc	aacctcgggt	cctcagagaca	accagcccaa	ggaacatctc				240
atgaatttca	aattggatct	tcttgactta	gcagctgaag	actgatgctg	cccgatggcc				300
ttggaaa									307

<210> 2187
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2187									
aaagaccatt	atggggccact	ggacaaaacac	atgaatacac	agaccattga	cactataaaag				60
caaccacaca	ctcgagagga	cagtaataat	tagctgacga	cacaagatca	ggatcagagc				120
cacacctata	aactctaacc	ttgaatgtaa	atggcataaa	tatcctgatt	aaaaggcaca				180
tgatgggcaag	ctggataaag	aagaataacc	caatcgtatg	ttgtcttcaa	gagacccatt				240
tcacatgcga	tgacacacat	aggtctaaaa	taaaagggag	gagaaaaatc	tggcaccaca				300
gaggaataca	gaa								313

<210> 2188
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 2188									
tgctgccaga	ggacctgtcc	ggcagcacct	ccatgcctga	gccaagcca	gggctcatgt				60
gaaggtctct	gaagtaactc	caagcccaga	ggagcagtgg	gacaaggcag	ggagacaggg				120
gcggcaacgc	gagctcttca	ggggagggtc	ctggactgcc	taagcaattgt	tcctccacc				180
cactgggcag	aggccccccta	ccccaggcca	gcgcagctg	gaccaagcca	ggaaccacga				240
gccacgggcc	tgagcactca	ccgggtctcca	catcctgcac	gtagaagtgc	aggtcatcag				300
tgatctcagt	cacaaacacg	ggctttagtc	tagcagatcg	ctccttctct	cagcaactggc				360
atca									364

<210> 2189
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 2189
 tgggaagggtg aggagggcat atcacttgaa tccaggtgtt cgagatcagt gtggacaaca 60
 tgatgaaacc ctgtctctac caaaaaatact gaaattagct gtgcatggtg gcaatcgctt 120
 gtagtccag ctatttgggg gactaggcca gaggatcact tgagccaggg aggttg 176

<210> 2190
 <211> 178
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 2190
 ttggaaacca cagtttcatg cccatcgctc tagaattaat tccccaaaa atcttttgaaa 60
 tagggcccgct attacccta tagcaccccc tctagagacg ggggnccnnan natnntnntn 120
 nnnnaaaagg ggggtgtttt aaggacccca acagatgagc tccgctctgc agctggcg 178

<210> 2191
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2191
 agtgggcatg gctggggtg cactctccat ggagccaacg gaagccaaga acaggcgagg 60
 gccctactcc cttctgagtt ggcagggccca gtgcagctgc agccaaccag ctgtagctgt 120
 ggaccacagg atccctgcac tcttgactca ggaagccccc tgccccca ggcctcaaaaa 180
 tgccctgctc cactgcctgg cctcttctg ttcctggtgc ccgctccaat ttggagacaa 240
 agttgagget gagccaggc actgtcgcaa cctgccacag tgcacgcatg ctcaggggcag 300
 cactgataca ccagccccc gcccaacttg cctctctctg gctttgggca gaga 354

<210> 2192
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2192
 gtgatccaca cactcgggc tcccaaagt cgggatgac aggtgtgagc cactgtgctt 60
 ggcctgaaat gattatgtct ctatgtataa ataaatgaaa atcaaggcca ggcacgggtg 120
 ctcattgtct taatcctatc actttgggtg gccgtggcag gtggatcaca aggtcacagag 180
 ttcaatacca tccctggccaa tatgatgaaa ccccatcttt attagaaacta cccatattta 240
 tccggtgtgt atggagaaaa cctgtagtcc cagctactcc ggaggctgtt ggaataactt 300
 ttttaattct tct 313

<210> 2193
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2193
 tgttgcagtc gaggactgca acagcccact gacagcactg gacagatcac cgcagaaaa 60
 taacaaatc tcgacttaaa ttgaagtgtt gaccaaatgg acgtaataca cagctacaga 120
 ataccctacc caacaaccac agaatacaca ttttactcat ctttgcatgc tctaaaaatg 180
 accacatgct cagtcataaa gcaagtctca ataaattcaa aaaagcagaa atcatacca 240
 gcatctgttt ggaccacagt tgaataaaat tagaaatcaa tacciaaat aactctgaaa 300

gccacgtaag tacatggaaa tgaaacg

327

<210> 2194
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 2194	
agataaacat aaatggaaag atatcttgtg ttcattggatt agaaggctta acattattaa	60
aatagctata ctaccacaaa caatctacag attgttattc caatccaaat ccccaaaagta	120
tgttttacag aaatagaaaa caccatccta aaattcagat gcaatgacaa aagagcaata	180
gccaaagcaa tctcgagaa gaaaaacata gttggaggta tcacatttcc tggtttgaaa	240
atagattaca aagtcattgg aattaaaaa gtatggcaca ggcataaaga cacatataga	300
ccaatggaat agaatacaaa gccacagaatg aaattcacac acatatgggtc aactgccttt	360
gacaaaggtt cgaanagtac acaacag	387

<210> 2195
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 2195	
accttactac cagacaaacct tagccaaacc atttacccea ataaagtata ggcgatagaa	60
attgaaacct ggcgcaatag atatagtacc gcanaaaaaa aaaaaaaata aaaaaccttt	120
ggggggcggt tttttcgaa atcccaaccg ggaaaaaacc ttgggggggg tggggccacc	180
ccccctaaa agggcgggga aaaaagggtt tttttgggaa attggggagg ctttgggttt	240
tttgggaccc cataaa	256

<210> 2196
<211> 330
<212> DNA
<213> Homo sapiens

<400> 2196	
gttccttaga acgtgcaatg ccacagtcag agacgttcaa actggaagcc aggacaacaa	60
gatgctgact taaagctgtg gacagccttc tccaagatgg cagaagaaga ctccatgtca	120
taatgactct taccctcttt aatttttttt tacttatgct tgcctctttc acttggggaag	180
aaaatgctgg caccacaatt tcacaattcg catcttttgg ggaaaaaagg ctggatgggt	240
cacctctttt tagctgctgt tatttgttta ttttggcgcc cgcctttttt acttggcggtg	300
aagaggcgctg ctcttttaaaa tttccacacc	330

<210> 2197
<211> 319
<212> DNA
<213> Homo sapiens

<400> 2197

gggtacaagt	tccaatgg	ctatattctt	tcttgatttt	tggtaccc	aaatcoatta	60
tgcagatagg	gtcgtgttc	tgccagtttg	cacatcttcc	cactaaggta	tgctctgttg	120
tatctttcag	gttattca	acctccttag	agctaaccatg	gatgggttga	agaagagaga	180
caaaaagaac	aaaactaaga	agaccaaaagc	agcagcagca	gcagcagcag	cactgcccgc	240
agcagcaaca	gcagcaaca	cagcagcaac	aacagcagca	acagcagcac	agttaaaggcg	300
atacatttcc	tgctttcac					319

<210> 2198
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 2198	
tactacggtt	gcgacatgac
cggtgcctct	gctggcttat
ccaaacctga	atctggcgatc
ccctgacccg	cgagcagcgt
acacggcgcg	gtactcctct
gtggatcacg	aaaatccgct
ctggagtggg	cctctagcaa
	gacagacagt
	atgtgcttgt
	tgacaacggg
	atctggggag
	gagacaaaac
	ctctgctgct
	caccactgct
	gtgacccagg
	caaacagggt
	60
	120
	180
	240
	300
	360
	380

<210> 2199
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 2199	
atctttctct	ccccaccac
caagttaagc	ctcattccct
gagttggtca	aacccaatgg
gacaacaaca	acaaaaaaac
ttagtgcaga	ctctaattgg
ggccaagaca	aacccagctt
	agcatctttg
	cgtgtgtgtg
	tcggcgggtg
	ttggaggggg
	ggatttgatc
	caaaacagaa
	caaaacaaat
	caattgcaca
	acttatataa
	tggttggtta
	tggttcagc
	gggtctc
	60
	120
	180
	240
	300
	346

<210> 2200
 <211> 144
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 2200	
cactacctat	aaaatcccaa
tcaccctata	gaagaactaa
aattaatagg	gggggggttt
	acatataact
	gaactctctc
	cacccaattg
	gaccaatota
	agtaacntgg
	agaaaaggcg
	catttttttg
	60
	120
	144

<210> 2201
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 2201	
atctgtgaaa	agatatattg
gataaaaacc	agaagaagt
	taacacatta
	aggcctatgg
	tgaaaaagga
	aatatcttca
	60
	120

```

agagtgtaaaa ctttttttgg attcagcagt ttgagaaacac tgtttttgtc cattctgtga 180
atggacgtttt gggagctcat tgaagccaac gtcaaaaagg tgactaaccc aggattaaaa 240
cttgaagaaa gctatctgag aaatagcttt ctgatgtgtg cattcatctc acagagtgtaa 300
aactttctct tcatctc
316

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<210> 2202
<211> 366
<212> DNA
<213> Homo sapiens

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<400> 2202
aaagatctca atgaaggatc taacatcaca cccagaagaa acagaaaaac aagaggaaat 60
caaccacaaa gctagcagaa aaaaagaaaat aaccaaatac agagcctatt tgagtgaat 120
ggaatgaca aaaagatata aaaaatcaag gaaactaaaa attgtatttt tgaagacta 180
aataagattg atacaccagt aactagacta atacagaaaa aaagagagaa gatccaaata 240
aacacataca taaatcaca ggaggacact aacaccaacc ctacagaaat acaaaagatt 300
tctcacagac tattatgaat tctctatgca cacaagtgg aaagccagaa gaattagata 360
aattct
366

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<210> 2203
<211> 451
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

```

```

<400> 2203
gtcgtggagg tggatctggc aattttatgg gtcgaggagg gaactttgga ggtggtggag 60
gtaattttgg ccgtggtgga aactttggtg gaagaggagg ctatggtggt ggaggtggtg 120
gcagcagagg tagttatgga ggaggtgatg gtggatataa tggatttggg ggtgatggcg 180
nncctatcgc cggcgccctt ggcccttgcc tctctggcctg ctatcctggc ggcgcgcccc 240
cctgtctccc ccacgcgctt cgccctgggt gtaccgcggag gatttctact gaacgtctct 300
cacggcctgt tgcgcctgt tccctttgcg ggccctccct tctcctgggg cccattctgc 360
eggagaatng actatctctc cccctgaca ctagcttccg tcaactccctg accccgcanc 420
ctatctcttc ctcccaccgg ggcctccac n
451

```

```

<210> 2204
<211> 385
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

```

```

<400> 2204
ttagcagaaa ctagagcctg ttatagtgga cagcttgctg ctctgacgga tgaacacaca 60
acgctcogtt ctaaaactgga gaagcaaaaga gagagcgggc aaagactgga aacagaaatg 120
caatcatacc gttgtagact gaatgctgct ctatgtgatc atgatcaaa tcaactcatc 180
aaaagagacc aaagagcttg tttccagggc acagtagata aatgttgtca tttacaggaa 240
aatttgaat ctatgtttct gattctttct ctgcaacttt ctaaaagctga gagtaagttc 300
agagtctcgt aaactgagct ccattacaca ggagaggctc tgaagaaaaa ggctttggtt 360
tttgaacacg gccaaaggga gctan
385

```

<210> 2205
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 2205	
cggtgctgtc gggcaagcgt tgcatttttt gtcgttggat cgcgagcggg gtcgtcttgt	60
gcccgcgagg gctcccagga cagggcaggg atctaggggg tttgcgcacc tgcttttttaa	120
tgccccgcco cccctttttt tttttaaagg ggggggggtg aaagtgaggg aggaaaaggg	180
acaaaatact gactggaacg taaattcgag catctcttat gcgaagagcg gataaccagt	240
tcgggattct tttttaagtt tctccattag ataaatttaa ttttcaaggc ctccggtttg	300
caggctaaat ttgaaaacta gcccggggtt tggcaaaatt tgactgaatc ctggggggag	360
aggctggacc caccgccaag ggtatctaga atattgagcc cggcagttca aaccagg	417

<210> 2206
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 2206	
cggtgctgtc gggcgggggg cccgggagaag cggcggggtc gcccggacagg agaagcggag	60
gaagagatag tggggccccc gctgagccga cggattttgc agcaagcacg gcagcaacag	120
gaggaaactcg agggccagca tgggactcggg gacaagcccg cggcgcccg ggaacgcacc	180
acgcggctgg gtccaaagaat gcctcaggat ggatcagatg acgaggacga ggaagtggccc	240
accctggaga aggtgcacac aatgacagca gggggccatc atgcagaggt ggtgtgggac	300
cctgaggatg agcgtgccat agagatgttc atgaacaaga accctcctgc caggcgacc	360
ctggctgaca tcactcatga gaagctgact gagaagcaga cagaggttgn	410

<210> 2207
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 2207	
ggcagcagag gcaactgagtt catttcaactg acacggcccc tggactccca ctagaacat	60
gtggatttta gttctctatt gcaactgtctc agttttgaac agatacttca gatctttgcc	120
tcgcgcgtcg tggagagaaa aatcatcttc ctggcggaag gtctcagcac ctgtgtctcag	180
tgcattcatg ctgctgccgc actgctctac cccctcagct gggcgccacac ctacatccct	240
gtgtgccctg agagcctctt ggccacgcgt tgcgtgccca cccctctcat ggttggagta	300
cgaatgcgct tcacagcagga ggtcatggac agcccatagg nagaggtcct gctgggtcaat	360
ctttgtgaag gaaccttctt aatgtcggtt ggtgatgaaa aagacatctc gct	413

<210> 2208
 <211> 328
 <212> DNA
 <213> Homo sapiens

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<400> 2208
gccaacagta agtttttttac aatagccatc ctaatgagtg tccatatacg gttttttttt 60
tttggttggg aaggggagtcct ggttttggtc ccagcctga agggcagggg ggcaattttt 120
gttaattgaa aactccgcct ccaagggttaa cgcatttttc tggcctaacc ctccaaggta 180
gctgaaacta caaaggcccg cccccacccc gggctaattt tggattttta agaacaacac 240
gagttttatt acgtgggccc ggtgggtcta aaactccgga cctaagggga cccccccgac 300
tggccctccc aaggggaggg aataacgg 328

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<210> 2209

<211> 327

<212> DNA

<213> Homo sapiens

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<400> 2209
cactgcaagg tccacctccc ggggttcacgc cattctcctg gctcagcctc ctgagtagct 60
gggactacag gcgcccgcga ccatgaccgg ctagtttttt ttggattttt agtaaagaag 120
gggtttcacg gtgttagcca tgatgggttc gatctcctga cctcgtgatt tgtccgcctc 180
agcctcccaa agtgctgact ctgtgcccgg gcagttgcta atcggactga tgcgtgcttc 240
attcgagtta ttggatctga gctttacacg aaatcagctg gtgagggggc tcgaatgggt 300
cgtgaactct ttgaaatggc cacaaca 327

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<210> 2210

<211> 397

<212> DNA

<213> Homo sapiens

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<400> 2210
cgttgctgtc gctccctatc taccctcacc ccacgagaca gcccttcag gtatgtgtgt 60
gtgtgcatgt gtgtgcatgt gtgtgcatgt gtgtgcatgt gtgtgtgtgt gtgggggggg 120
ttcccaataa ttcagggcga gggaccagtc ggaagggatt ctggctattg ggggagccca 180
gagacagggg aaggcagcct gtccatctgt gcataaggag aggaagattc caggggtgtg 240
atgttttcagg ggttcacat ggaggagctg cagatagata tgtgtttctg tgtatgtgta 300
tgctgacctt tttttctaag ggggggcttc tacaggcttt tgaaagtaag gtggaagtgg 360
taaggctgat aagaaaaaac aaacttattt tgtagcg 397

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<210> 2211

<211> 337

<212> DNA

<213> Homo sapiens

```

<400> 2211
aacaaaacaa ttatcagcca agaattttgt atccagtcct atgtttgcc tccttaaaaca 60
aaacaattat cagccaagaa ttttgtatcc agcaaaaacta ggcttcoata atgaaggaaa 120
gataattctt cagacaaaca aatgctgaga gaatttgcca ctaccaagcc aacactataa 180
gaaatgctaa aaggagctct aaatcttgaa acgaatcctc gaaatacaca aaaatagaat 240
gttctttaag cataaatctc acaggatcta ttaaaaacaca cacacacaca cacacaatga 300
aaaaaaaaca caaggctttt aggttaacaaa taccacg 337

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<210> 2212

<211> 334

<212> DNA

<213> Homo sapiens

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<400> 2212
gaacaaacca acatttgagc caggaataac tagagaggaa caatgggggtt attcagaggt 60
ttgtttttcc tcttagttct gtgcctgctg caccagtcac atacttcctt cattaagctg 120

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aataataatg gctttgaaga tattgtcatt gttatagatc ctagtgtgcc agaagatgaa 180
 aaataaatg aacaaataga ggatatgggt actacagctt ctacgtacct gtttgaagcc 240
 acagaaaaaa gatttttttt caaaaatgta tctatatata ttcttgagaa ttggaaggaa 300
 aatcctcagt acaaaaggcc aagacatgaa aacg 334

<210> 2213
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 2213
 gagcactttg aggcctatgg tgaaaaagaa aatatcttca gataaaaaact agaaagaaac 60
 tttctgagaa actgctttgt gatgtgtaca ttcatctcac agagttaaaa ctttcttttc 120
 attcagcatt ttgggaagta tgtttttgtc cattctgcac aaggacattt gggagctcat 180
 tcagaccaat ggcaaaaaag aaaatatccc aggataaaaa ctagaaggaa gctgagaatc 240
 caatttggat tgcgcgattc atctcacaga gtgaaaattt tcttttgata catcagtttg 300
 gaacatgggt tttttagaaa cc 322

<210> 2214
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 2214
 gctaaacctt gccccaaacc cactccacct tactaccaga caaccttagc caaacattt 60
 acccaataaa agtataggcg atagaaattg aaacctggcg caatagatat tactccaaaa 120
 aaaaaaaaaa aaaaaaaaaa aaaagggggg ggttttttcc ggaaacccca aagggaaaaa 180
 aacctttggg ggggggggaa aacccccctt taaagggggg ggaaaaaaag ggttttttgg 240
 gaaaattggg gagggtttgg ttttttttga aaccattaaa aggggggaaaa aaaaa 295

<210> 2215
 <211> 314
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 2215
 gatttgccat agtagttaag ataatacagg ctttgccctt tcaaatgccca taggtgttat 60
 tgactagtac catataatgc cttttaattc ttaaaactagt tcacgtcatc cattttaatt 120
 atccotagtct ctgtaattga tatttatcat gaagattgca ttgctcttat ttcagaaaaa 180
 tatgttgaga aacttttttg agtaaacaaa gatcgaatgt caatggacca gatggctgtt 240
 ctctttgta ccaatatcaa tgaaagtaaa ggtcatagta agtacatata taantgtgtg 300
 tgtgtgtgtg tgtg 314

<210> 2216
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2216
 actgaatgac tgatttgtca atgaaaaaaa ttaagaagaa aaattttaaa attctttaaa 60
 caaatggaaa tggagacaca acataccaaa gctatggga tacagcaaaa gactactaaa 120
 gaggaagatt tatagcaaca agtgcttaca tcaaaaaagt agaacttcca ataacaact 180

taatgatgca	tcttaagag	ctagaaaacc	caaatagtag	aggaaaagaa	atagtaaaga	240
ccagagcaga	aaaaataaaa	attgaaatta	aaaaattaca	aaagatcaat	gaaacaaaaa	300
gttggatgtt	tga					313

<210> 2217
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 2217						
gagcactttg	aggcctatgg	tgaaaaaagaa	aatactctca	gataaaaaact	agaagaaaaac	60
tttctgagaa	actgcttttg	gatgtgtaca	ttcatctcac	agagttaaaaa	ctttctttttc	120
atttcagcatt	ttgggaagta	tgttttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaaac	240
cattttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggc	ttttgtagaa	cctgtgaagg	gg			332

<210> 2218
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2218						
gataacttta	gaacactttta	tccaacagca	gcaggacaca	cattctctct	gagagcagat	60
gagacattct	ccaggacagc	ttatcttttg	gaccacaaca	caagttttaa	aacattttaag	120
aagactaaaa	taatatcaac	tatcttttcc	aattgcaata	gtatgaaact	agaaatcaat	180
aataaggggga	aaactagaaa	acacaaatat	gtggaaatga	aacaatgcatt	tcctgaacaa	240
tcaatgggga	aaaagaggaa	tcaaaatata	aattaaaaat	taccttgaac	caataaaaaat	300
ggaacacaaa	cacatcaaaa	ctttag				327

<210> 2219
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 2219						
tcccatcgat	tgaatttcgg	cacgagctgg	ccgggtggcg	ccagagctgt	ggcgcgctgc	60
tttgtgagta	cagctctggc	gtgcaggttt	atgtggggga	gaggctgacg	ctgcgcttct	120
gggcccgcgg	ggggcgctgg	gaaaaaaaaga	aaaaaaaaaaa	aaaaaaaaaaa	aaaaaaaaaaa	180
aaaaaaaaaaa	aaaaaaaaaaa	aaaaactttc	tccaaaaaaa	aaagaaatgt	atcataagcc	240
atgcacaaat	tacaaacgca	cagctgggt	ctcccaacaa	acacaaaccc	aaaaattttt	300
acaaagcttt	tcttttgtaa	aagaccacga	cccacttatt	aataggaaac	ccaaaaaggg	360
gcaacaagca	aacaaaacac	agctttacca	cttgtataag	tgtgacctac	agggggg	416

<210> 2220
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 2220						
ggtcttttoga	acaacaatat	tcaccaattc	ccaggattga	agtgatgggt	ccctttggca	60
cagccagtgta	ggatgttttc	cagtatgaag	tggctgtgct	ggttggagca	ggaattgggg	120
tcaccccttt	tgcttctatc	ttgaaatcca	tctggatcaa	attccagtg	gcagaccaca	180
acctcaaaac	aaaaaagatc	tatttctact	ggatctgcag	ggagacaggt	gcctttttct	240
ggttcaacaa	cctgttgact	tccttggaac	aggagatgga	ggaattaggc	caagtgggtt	300
ttttaaacta	coggttcttt	ctcacggat	gggacagct			339


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<210> 2221
<211> 124
<212> DNA
<213> Homo sapiens

<400> 2221
ggacgctttt catctgtccc gctgcgtggt ttctcttga tcgggaactc ctgctctccc      60
ttgcctcgaa atggacccca actgctcctg ctgcgctggt ggcttctgtg cctgtgcgcg      120
cttc                                         124

<210> 2222
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 2222
caaacagtgt ttccaaacag tgaatgaaaa gaaatgttta actctgccag atgaattaca      60
caacacatag caattttctc catagcttcc ttctcgtttt tacccttagg tagtctctttt      120
ttgccattgg cctcaaggag ttccaaaagt ctattttaga aatggacaaa aagagtgttt      180
gcgaactact catacaaaag acatgtttta gtcagcaaga tgaaagcaca catctcanag      240
agggtttccc gatagcttcc ttccagtttt tatcctagga tattctttt ttctacottg      300
gcctcaatga tgtccaaaat gtttattttc acagtggact aaaacagtat ttccaaactg      360
ctgaaacaaa agaagattt aactt                                         385

<210> 2223
<211> 337
<212> DNA
<213> Homo sapiens

<400> 2223
ctcacataaa cttaaggtaa aggggtggac aaagatatcc catgcaaatg gacaccaaaa      60
gtgagcagga gtactattc ttatatcaga caaaacaaac cttaaagcaa cagcagttaa      120
aaaaagaggg acctatata atgataaaag gactagtaca aaaggaaaaa atataatgat      180
aaaaggacta gtacaaaagg aaaatatcac aatcctaata atatatgcac ctaacactgg      240
agctcccaaa ttataaaca attactgcta gacctaaaga atcagataga tggcaacaca      300
gcaatagtgg gggactttaa tactccaactg acagcac                                         337

<210> 2224
<211> 418
<212> DNA
<213> Homo sapiens

<400> 2224
aaacaaaaatg cccatgttgg ttctctgcca tggacctgcg atattctgga ctatttctgc      60
gtttatttgc ggccgagtgt aacaaccata taataaatca cctcttcgcg tgttttagct      120
gaagaattaa cacaaaaaaa aaaaaaaaaa aagaaaaaaa acaaaaaaa aaaaaaaaaa      180
aatggaaatc tgaaagccat cccaaaagaa gacccacccc caaaagaaa tagaaccaaa      240
accctggaga gctcccccta ccataggact ctctcgttag atccgtgact ataaaaaaa      300
ccggggggga gagccgggcc acccattct acaggccaac tagggacct cgagataccc      360
ccttatttct ggcgccctga gagaaggggc cccaaacgga ccccgaaatt taccctcc      418

<210> 2225

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<211> 328
<212> DNA
<213> Homo sapiens

<400> 2225
ttacacatca gttttctcaga agactttctt ctagttttta tctgaagagg ctcccttttt 60
taccatgggc ctcaatgctc agtgaaatat tctcttgcoag atcctacaaa aacagtggtt 120
ccaaaacagct gaatgaaaag aaagggtttaa ctctgtgaga tgaatgcaca catcacaaa 180
cgggtttctca gataggtttc ttctgagtttt tatcctggga tctcgctctc ttctgcattg 240
gcctcaatga gctccaaaat atccattctc agaattggaca aaaacagtggt ttccaaaactg 300
aggaatccaa agaaaagggtt aactctgg

<210> 2226
<211> 390
<212> DNA
<213> Homo sapiens

<400> 2226
ctaaaaaatca atgattggag gaatttgga aactatacaa atacatgaaa attaaacaat 60
atgcttctga atgaccagtg ggtcaatgaa gagattaaga agaaaattaa aaattttctt 120
gaaacaaaca acaatgaaaa caaaatatag aaatcctatg ggatcacagt aaatgcagtac 180
taaaaggaaa gtttatagtc aaagtgcct aaatcaaaaa atggaaaaac ttcaataaag 240
ccatgaaatg atgcatctta aaaaagtaaa aaagttaatat caatctaaag tcaaatgttag 300
tagaataaaa tgagatcaga gtagaagtaa atggaattga aatgaaaata atacaaaaga 360
tcaatgaaac aaaaagctgc attaaaaaat

<210> 2227
<211> 336
<212> DNA
<213> Homo sapiens

<400> 2227
ttgggtgggaa attcaatact ctaagcatta gactgttgat ctagaatatt aacagatgaa 60
cactgtatatt aaactgcaca taggacccaa tggacctaac agatatttac agaacatttc 120
atctgcagat taccagaacaa acattcttct catcagcaca tgaaacattc tccagaagag 180
agcatatggtt aggacacaaa gcaagtctca acaaatataa aaaattgaaa tcatattggt 240
tcttctcaga ccacaataaa ataaaactag aaatcaataa caagaggaaac tagggaaact 300
gtacaaatcac atacaaatta aacaacatcac tctctgg

<210> 2228
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 2228
cgttgctgtc gaattcggct ggcgtttccg agaccggga ctcccgtagg gtcccgctgg 60
cccaggttg tagtgggac accccggcgg cgggtgatcg tccggtctcc acgcgcccg 120
gtcgtgacg cggatccggc ctccggcctc tctcaggcgg cctcgaagg ccgcaggcag 180
gatgaacatt ctgcgcccg tcggaggga tccgctcctg cgggagctgc ccagattta 240
agatctccaa gctcatctgt gtgggggacc tgcgtgtgg gaagactgct ctcatataa 300
ggtttctcaa agacaccttt gataagaatt acaaggccac cattggagtg gacttcogaga 360
tggaacgatt tgagggtgct ggcg


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<210> 2229
<211> 381
<212> DNA
<213> Homo sapiens

<400> 2229
tcagtagcat ttctataggg caacagtgaa caatatgaaa atgaaatgtt aaaaagtaat      60
cccatgtaca ataaccacac ataaaattaa atacctagga attaacttaa ccaagaaggt      120
gaaagatctc tataataaaa actataaaac gctgatgaag gaaattgaag aaaaatccaa      180
aaaatggaaa aacattccat gttcatgtgt tggaagaatc aatgttgcta aatgtccac      240
actaccctaa gcaatctaca gattcaacgc agtccctatc aaaatactgg acatttttca      300
cagaaataga aaaaacaatt ctaaaattta tatgaaacca cagaagacc agaatagcca      360
aagctacctt aagcaaaata a
381

<210> 2230
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 2230
gtactggcct ttgaaaagac ccnacgaaag ctgcgcnngn nttttgtgcg aagcggccta      60
cgggtttttag aagacaacag aagggtggta aaatcactga ggctttacca aaagggtatg      120
gggacaatgc acctaaaaaa atcacgagtt tacaatagga taacttgtaa caagggaaaa      180
gatgacgtta aagatgaagg ctgcagcagc aggcaccca catcaatttg caaggaaaga      240
aattaatcct ctttgtcccc taactgaaga gtccagccagg tgtgggtggc catgacctgt      300
ataccagcac tctgggaggt caaggcaagt ggatcaactg aggtccagag tttagacaca      360
gcttggccaa cctgggtgaaa tccattctct actaaaaaaa tacaaaaatt atccattcat      420
ggtgggcgac gcctatatgt ccatctactt
450

<210> 2231
<211> 275
<212> DNA
<213> Homo sapiens

<400> 2231
tttatcaaaag tcccacgttc ccaggaggag cctgggaagg ggtccttttg gcgaatagac      60
cctgcctctg aagccaaagct cgtggaacag gcattccgga aacggaggca gaggggtgtc      120
tcctgcttcc gcaccccccct cgggcctctg tcctcaaggt aaagttctct gagcgcccg      180
ctccagatcc ttaggaaagc tgagctgccc tggagttag agatacgtg cgcagtcagc      240
ctcccgatc tgtgggctca ggetcagtg acggg
275

<210> 2232
<211> 400
<212> DNA
<213> Homo sapiens

<400> 2232
cgttgctgtc gattttaaca agctctttgc tagagagact gcagtgacag atgggtggga      60
gtttgccctc aaagctgtga caccaatctt ctaatgagca tatttgttct gggtgcgctc      120
gccagattct ttctctattt cagaaaggga caacagaata agtgacttca aaagaagacc      180
atgaggaaga gatgatgaa gatataaag acttagatca ctatgagatg aaagaagagc      240

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ctattattga gaacaagttg gaggatgaag gaactgaata agaaaatttg gcaatattat 300
agaaaattag gaagactgaa aggttgaccc tgatagtcc tgcacagtg atctttatat 360
cttaacaaga agcgatagga gacattcttg ttatctttca 400

<210> 2233
<211> 337
<212> DNA
<213> Homo sapiens

<400> 2233
gatgccata agatatgga agctatgtta tcaagccata ttagatatac agcattaata 60
tggaaataaa ccagcctgtt tgggtggctc ttcacatgga cgcgcagtga atttgggtgcc 120
gtgactagga tcgggggacc tcccttgga gatcaatccc ctgtccctcc gctctttgct 180
ccgtgagaaa catgcaccta tggcctcatg ttctcaaac gaccaaacca agaaacatct 240
caccaatttt aaatccgctt ggcttgtgag gcccttttg cccaattcaa gtcttttgat 300
accctgtgaa ttgcacccat actgccaga tggctag 337

<210> 2234
<211> 341
<212> DNA
<213> Homo sapiens

<400> 2234
agacacactg aagcattgca tttgaatcat aattatgaac catttaaaaa ttggggattt 60
attttttaat tatgaaaaat tctgttgtaa tagtaccaca tccaatttat atgttattag 120
ctgtttgtta cccactattt cattatattg gaatgagggc aaataatcct gtaggcaagc 180
acgatatttt aaaagttagg aattctgaca catctcaact tttaaatcta atagattgat 240
atgctgtgta aagaatattt actctctgga gacatattcg aagctgaaca ttgccttaag 300
gaactggaag tacctcattt tcaccatgag ctgttatatg a 341

<210> 2235
<211> 144
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 2235
tgcgtgtgga agactacgaa ccttaccggt atgatggcat ggggtatggc gactaccgga 60
agctccctga ccgtccacag catgagagag atccatggta tagctgggac caccggggcc 120
tgaggttgaa ctggggtgaa cccn 144

<210> 2236
<211> 393
<212> DNA
<213> Homo sapiens

<400> 2236
ggcacgaggg agctggatga tgacatggac gggacggtct cggtgactga gctgcagact 60
cacccgagc tggacacaga tggggatggg gcgttgtcag aagcggaaag tcaggcactg 120
cccacgagc ttccagcacc ttctgcccc gacttgacgg agcccaagga ggagcagccg 180
ccagtcccc cgtgccccac agaggaggag gaggaggagg agggaggaga ggaaggaaga 240
gaggctgaag aagaggagga ggaggaggat tccgaggtgc agggggagca tcccaaggag 300
gccccacgct cactgtcacc cccgcagcgg ggcagccctg ctgaggaaga caaaatgccg 360

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ccctacgacg agcagacgcc ggccttcate gat

393

<210> 2237

<211> 312

<212> DNA

<213> Homo sapiens

<400> 2237

cattatcact	atagaaaacc	acccaatcac	aaaaataac	aataagagag	gaagtaagta	60
atgaaggata	tacaaaaaca	ctaaaaaaca	atcagtaaaa	taacaagagt	atgcctcat	120
ctatcaataa	taatcttgaa	tgtaaacaga	ttacattccc	catttaaaag	ataaagactg	180
actgaatgga	taaaagacat	gacccaacta	tatgctgcct	agaagaaaact	cacctcacat	240
gtaaaagacac	acatagactg	aaaataaagg	aatggaaaaa	tatatccac	ccaaatggaa	300
acaaaaagta	ag					312

<210> 2238

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2238

gtgtgtgtgc	cttctggatt	gtaagtggct	gacgtgtgag	gaggttatga	agctgctgaa	60
gagctttggc	gaggacgaga	tcgagatgaa	agtctgtgag	ctcctggact	ccacatcatc	120
catgcataat	aagagtgcga	catactccgt	gggaatgcag	aaaacgtact	ccatgatctg	180
cttagccatt	gatgatgacg	acaaaactga	taaaaccaag	aaaatctcca	agaagctttc	240
cttctgtgag	tggggcacca	acaagaacag	acagaagtca	gccagcacct	tgtgctctcc	300
atcggtcggg	gctgcacggc	ctcaggtcaa	gaagaagctg	ccctccctct	tcagcctctc	360
caactcagac	agttcttggt	actaatgtga	g			391

<210> 2239

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2239

cggtgtgtgc	ggcgagcgtc	ccgcgagcgc	ggaacacctca	ttgtgtgtgga	gagcgtgtctc	60
atggcaggtg	ccttcctggc	catgctgctg	gtgtgtgggtt	tgtgctggagc	cgcttacccg	120
ccacgaggag	agatcgatct	gcgacgctg	ggctggggca	acatcttcca	gctgcctctc	180
aagcagctgc	gtgactacgc	ctcgcgccac	ctcgtgcctt	tccttatcta	cagcgggttc	240
gaggtgtctc	ttgcctgcac	tggtatcgcc	ttgggtgatg	gcgtgtgtctc	gggggggtctg	300
gagcgggttc	cttaacctct	cggtgcttac	agcctggagc	cctcagccgc	ctcactcctg	360
ggcctgctgg	ccctggggct	cg				382

<210> 2240

<211> 370

<212> DNA

<213> Homo sapiens

<400> 2240

ggattagaaa	cagctcaata	cacccacacc	agaagacctca	ggataaattc	tgggaagcat	60
gcaacctccc	aagataaaac	aagaagatat	taaagccctg	aaaagatgaa	taatgagctc	120
caatattgaa	tcagtcatga	taaaacctacc	aaccagagaa	agccctggac	cagacagatt	180
cacagctaaa	ttataccaga	tgtataaaga	agagctgata	gaaatctcat	tgaacattat	240
ccaaaaaatc	aaggaggaaat	aattcctcca	taactcttc	tatgagacag	catcattcag	300
aaacacgggt	ataaaaggaa	tctttaggcc	aaaatcttgg	aggaacatag	atgcaaaaat	360
cctcaaccag						370

<210> 2241
 <211> 400
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

```
<400> 2241
ggcacgagga gaagctgacg ggcattgtgtt ggaacacagct ggtggccggc gcagtgccag      60
gtgccgtgtc acggacaggg acggccccc tggaccgcct caaggtcttc atgcaggtcc      120
atgcctcaaa gaccaaccgg ctgaacatcc ttggggggct tcgaagcatg gtcccttgagg      180
gagggatccg ctccctgttg cgcggcaatg gtattaatgt actcaagatt gcccccagat      240
cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga      300
cactgcatgt gcaggagcgc ttctgtggct gctccctggc tgggtgccaca gcccaaacca      360
tcatttaccg tatggagggt ctgaagacgc agctgacctn                               400
```

<210> 2242
 <211> 368
 <212> DNA
 <213> Homo sapiens

```
<400> 2242
ggaagttaga cattctgaag ggcattgtcac acgtttctca agctcactct gccagccact      60
ggagaatgga cgtaatgagc caaggatggc accaggaagt caggggggca gtgtttgtctg      120
ctgtccaggc aatcacagta ttggtgtcgt gtctcagcag cctgggtgtt gggggccttg      180
attcacaca tacatttgaa catattgtca ccgtgtcttg ctgatagaga catctctatg      240
gagtgagggt ggcgaattgt gcgtcgaagt ctttgccttt ttattattta tattctcttg      300
ttggggggac tactccttat atttttttct ctcttcgctg ttaaggaggg tgacatctta      360
ttttttttt                               368
```

<210> 2243
 <211> 385
 <212> DNA
 <213> Homo sapiens

```
<400> 2243
ggcacgaggg acctcctacc gttacttttt ttttacttca agaaatgatt tcttgagttc      60
cggccttttg tttagagagt gaacgaggca cggctcgtgt ccagctaaa gacagttaga      120
ctggaagagc gttgttttcc aaggtacagg atgcccgccc tcttaggagc cgaaggagac      180
ggaggcccgcg tagaggagcg gaccgtcccc gagcctcgcc gagcctgcgg gttagaacacc      240
tctggtgtct agtggttgag gatctgttga ccgggcatgg tgggtagaag gaacgctccg      300
agcagaagaa aagtggctgt cgtgaagaca tctgcgtgtg cggcgtgcgt ggggtccctg      360
agatgaagct ggaaaagact gctgc                               385
```

<210> 2244
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 2244
gagaacattc tgaaggccat gtcacacggt cttcaagctc actctgccag ccaattggaga 60
atggacgtaa tggagccaag gatggcacca ggaagtcacg ggggcaagtgt ttgctgctgt 120
ccaggcaatc acagtattgg tgcgtgtct cagcaggtg ggggttgggg ccttgagattc 180
aaagcatcca tctgaacata ttgtcacccg tgcattcctga gagagacagc ttcattggagt 240
ggaggtgtgt ggcctggagg ccccaactgt gccaccaggc atgttttcca cgaaaaccca 300
aactctgac gggattacta acattgggag atttcctgtt cttg 344

<210> 2245
<211> 396
<212> DNA
<213> Homo sapiens

<400> 2245
ggcacgagga gaagctgacg ggcattgtgt ggaacacgct ggtggccggc gcaatggcag 60
gtgcctgtgc acggacaggg acggcccttc tggacccgct caaggacttc atgcaggtcc 120
atgcctcaaa gaccaaccgg ctgaacatcc ttgggggggt tgaagcatg gtcccttgagg 180
gaggaatccg ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gcccccaggt 240
cagctatcaa gtctcatggc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300
cactgcatgt gcatgagcgc ttcgtggctg gctccctggc tgggtccaca gcccaaacca 360
tcattatccc tatggaggtg ctgaagacgc ggctga 396

<210> 2246
<211> 314
<212> DNA
<213> Homo sapiens

<400> 2246
gaccgtttat gtaactttat attgggacaa tgaatccttt gaggccactt gcctaccgag 60
ccggttgatc gctgaggagc cactatttag actctattaa actttctgtt tgcccgcgga 120
acccctcaaa tccctctgta aatttaactg ttagtccaaa gaggaacagc tctttggaca 180
ctaggaaaaa acccttgcca gagagctccc accctaaagg ggcgcaaaaa aaacggtttg 240
ggggtaattt tgggagacct cctctgtttt taaaccacta tttagtggga aaaaaccctt 300
tttaaaaggg gggg 314

<210> 2247
<211> 364
<212> DNA
<213> Homo sapiens

<400> 2247
actgaattac aataatgaca caacctatct aaacctgtgg gatacagata acgcggggct 60
aagaggaagc ttcacagccc taaatgccta catcatagtc tgaaagagca caaacagaca 120
atccccagtc acacttcacg gaaactagaga aacaagaaca agccataccc aaaccgggac 180
ccagcagaag aaaagaaata acccagatca gagaagaact aaatgaaaaa gatgcataaat 240
acttacctaa gataaatgag acacaactgg ttctttgaaa agataataaa aattataaac 300
tggtgacaag actaaccagc aaaagaagaa aaaaaggcca ataaccttcg tagtaatatg 360
acct 364

<210> 2248
<211> 311
<212> DNA
<213> Homo sapiens

<400> 2248
caagcttaac cataagtaca ataagcccca gcatttgcac ggtagtcaag ctcatccaag 60
caaaactctc tccagtaggg aatttccctc gcagagacca tgtgcatttt tattttcaact 120

gtcctcagac	tgactctttg	ttcattataa	tagtaaaaaa	cacatccctg	ggtggagatt	180
tagagcta	aagacatg	atgtatgaac	aagcatgtaa	agctactgca	catgtgcagc	240
caaagaacca	cccataacat	gcttaccagc	aacactcttt	cccacccctt	taagaataac	300
cacggaaggc	t					311

<210> 2249

<211> 123

<212> DNA

<213> Homo sapiens

<400> 2249

actccccgc	ctaagatctc	tgtgtgtgtc	ctgggggacc	agcagcactg	tgacgaggct	60
aaggcgtgg	atatcccca	catggacatc	gaggcgtga	aaaaactcat	caagaataaa	120
aaa						123

<210> 2250

<211> 127

<212> DNA

<213> Homo sapiens

<400> 2250

tagaatcttt	ggaggtcttg	acatgttagc	tgaaaaactc	aaatctcaca	catctaaact	60
taagtggaaa	taaatgaaa	gatatcagca	ccttggaacc	tttgaaaag	ttagaatgtc	120
tgaaaag						127

<210> 2251

<211> 348

<212> DNA

<213> Homo sapiens

<400> 2251

ggctcactgc	aacctccacc	tctctgggtc	aagcgattct	cctgacctca	cctcctgagt	60
agctgggact	aactacaggt	gcgtgccacc	atgcccaagt	aatttttcta	tttttagtag	120
agacgggttt	caccatgttg	gccaggaagc	gccttaattg	tgtgaatctt	gatgacatgc	180
gagatcagct	tccagagcat	ggctctatat	gctgacgcc	ctgaaaacag	atccctgtta	240
ctttaggcca	agatgtgggg	cgatatcatg	tattctggaa	cctggaccac	aagagccccc	300
acgcaggccc	ctaagatggt	agattcttcg	acgaagattc	ctaccctc		348

<210> 2252

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2252

actgaattac	aataatgaca	caacctatca	aaacctctgg	gatacagcta	aggcgggtgct	60
aagaggaag	ttcacagccc	taaatgccta	catcaaaagt	tgaaagagca	ccaatcagac	120
aatcccaagt	cacacttcaa	ggaactagag	aaacaagaac	aagccaaaac	caaacccata	180
cccagcagaa	gaaaagaaat	aaaccaagatc	agagaagaac	taaatgaaaa	tgaaacataa	240
taaatacaaa	agataaatga	aaacaaaactg	gttctttgaa	aagataaata	aaatttatag	300
actgttagca	agactaacca	agaaaagaag	agagaagatc	caataaacct	cactgagtg	359

<210> 2253

<211> 154

<212> DNA

<213> Homo sapiens

<220>


```

<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 2253
canangggctt gttttggacc acagaccacg gtaacctgat atgataaaaa gggcggaggga      60
tgcatacatc ctcaacttgta acgtgacatt agagtatgag aaaacagaag tgaattctgt      120
ctttttttac cagagggcac aacattgaga aaaa                                154

<210> 2254
<211> 401
<212> DNA
<213> Homo sapiens

<400> 2254
ggcacgagcc ctcttcccat gaggtggtag cctggattcg acggatactt cgggtggaga      60
agacagggca cagctggact ctggatccca aggtgactgg ttgtttaatc gtgtgcatag      120
aacagagccac tcgcttggtg aagtcacaac agagtgcagg caaagagtat gtggggattg      180
tcgggctgca caatgctatt gaagggggga cccagctttc tagggcccta gaaactctga      240
caggtgcctt attccagcga cccccactta ttgctgcggg aaagaggcag ctccgagtga      300
ggaccatcta cgagagcaaa atgattgaat acgatcctga aagaagatta agaattcttt      360
gggtgagttg tgaggctggc acctacattc ggacattatg.t                        401

<210> 2255
<211> 124
<212> DNA
<213> Homo sapiens

<400> 2255
gcagtggagc tggatttggt gatggctata atggttatgg aggaggacct ggaggtggca      60
attttggagg tagccccggt tatggaggag gaagaggagg atatggtgct ggaggacctg      120
gata                                              124

<210> 2256
<211> 124
<212> DNA
<213> Homo sapiens

<400> 2256
ggtttttcag ctcaactcaa gggtaacctga agcgaattgg caccaaagca gcagctgtat      60
tggcgcagtt ctacgttcac cttaacgatg ttccctctgg tcaaaagcgc actaaatcgt      120
ctct                                              124

<210> 2257
<211> 147
<212> DNA
<213> Homo sapiens

<400> 2257
ggagaatcga ggcactcgct ggcgtaccca tgtatcgaaa tgagttoacg gccttggtacc      60
ggcggatgct ggtggtctac gggatcggca cctgggctgt gttgggctca ctgctttact      120
atagcgggac aatggcgaag tcgtcag                                147

<210> 2258
<211> 341
<212> DNA
<213> Homo sapiens

```

<400> 2258
 gttctgtgctg ccaggctgaa gtgcagtggc atgatcccg ctcactgtag gctccgtctc 60
 cccagttcac accattctcc tgccctcagcc taccgagtat gcaccogcca gcatgctcgc 120
 gtggccgaggt tcttctcatt cggcatcaac agcattttat atcagcgtgg catatattca 180
 tctgaaacct ttactcaggt gccgaaatac ggaactcacct tgcttgaact actgatcttg 240
 agctcatata tacctaaacta agggctcgccg ccttcgaaat atgatttact atcttgccca 300
 gcattctgga gctctctagc acattctctgt ttctactatg t 341

<210> 2259
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 2259
 cgaaccacaa tagtgacaca tcctatcaca atcttttgga cacaccagag gcagtgtctaa 60
 cagggaaagt catagcccta cagccctacc tcaaaagggc tgaaagagca tctacagaca 120
 atctaaggct acacctcaag cggctagaga aacaagaaca accaaatcct caccagcgtg 180
 aagaaaaggaa atagcctgga tccgagcaga actagatgaa attcagacaa acaaaactcca 240
 ctgtgcgtcc aaaaaacgt aagacgaaga gctgggtctt tgaaaagata aataaaattg 300
 atagaccatt agcaagatta accaggaaaa gaagagttaa aattcttata agctcaatga 360
 gaa 363

<210> 2260
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 2260
 cggcctactg ctgcaagaag acaacagaag gctactgctg caagaagaca acagaaggct 60
 gctgctgcaa gacgacaaca gaaggctact gctgcaagaa gaccacagaa ggttacggct 120
 gcaagaagac aacagaaggg tactgctgct aagaccacag aagggtactc ctgccagaag 180
 acgacagaag ggggagcgcc gctcctgctg caccgtgctt gctacgagtt tcatgctcgt 240
 gctaaactat cgcgcgtcgc ttctttcttc agtcgtcatg atgattatct accgccacct 300
 catcaccacc gatgagatgt tctacgacat ctacaagatg caggagat 348

<210> 2261
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 2261
 cggtgctgtc ggtgcatcct ctccagtggt atgcgatcac ctgtgcctcc cctccctttt 60
 tattcacatc gcgtattttt gcattttcca gataatgaca aggcacagac aggggtggggg 120
 atggactgaa gcaccatgct ttgtttactg gctcctaatt tattttcatt cttgtgtgac 180
 taaccacaca tgtgccctgc gaggttacat gtgtggtgac cactctacat tctggatggt 240
 ttattaaaca ttgaacgcgc ctacgaggag cgaaacttaa ataatacat cactgggtga 300
 taaaggggag ctgcaatacc aaggcgaaga ttgataatgc acacgctttt cttttttgtga 360
 ccgtacatat ttccacacca tcttagatat aat 393

<210> 2262
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 2262
 ggcaagaggt gtgcttaggt gcccgagcta ctgaggggtc aagtcggggc agccgaagag 60

tgtggtaggt	aacgggtcctc	agcgcaagggt	tcatttcgtc	gctgggaagg	gacggccctc	120
gcccgcggtg	atgggtggtta	gcaagatgaa	caaagatgcg	cagatgagag	cagcgattaa	180
ccaaaagtgt	atagaaactg	gagaaagaga	acgcctcaaa	gagttgctga	gagctaaatt	240
aattgaaagt	ggctgggaagg	atcagttgaa	ggcacactgt	aaagaggtaa	ttaaagaaaa	300
aggactagaa	cacgttactg	ttgatgactt	gggtgctgaa	atcactccaa	aaggcgagagc	360
cctggtagct	gacagtgtaa	agaaggagct	cctacaaaga	ataagaac		408

<210> 2263

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 2263

atgacctcaa	cgggtgccgtg	atgatacaat	accacctatg	gagaaagctc	tagggaaaaat	60
ggacattcag	atagctctctc	cttctggatg	gtacagaaga	gtagctccat	gggtttggatt	120
agctgcaaaa	cactttattg	atagatgaag	attactgagg	aaatgttggt	gctgtactgt	180
ttaatttttg	caaaaaaaag	tttaaagtca	gaaaaagtga	tcgtactgca	cagctcattt	240
gtgaatgaat	ttttaattcca	gaaatagaag	ttcaagcttt	ggatgatgct	gaaaggcatt	300
cagaagagtt	aggttcttatt	agaaggtatt	aaaattttat	ctaagaatag	aaaatgn	357

<210> 2264

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2264

atcccatcga	ttcgaattcc	gttgctgtcg	actgggaaac	tgacacctcg	cacatgatgc	60
gtctagatat	tcgttctttg	ctgcaagatg	ctgctattga	agaggtagag	atggaagatt	120
ttgatgcaaa	tatcgaagaa	cagaaagaag	aaaagaaaga	tgacagaggaa	gaggaaaagc	180
aactgggtta	cattccgaaa	agcaaatggg	agatggacac	atctgaggca	aagctagaca	240
agttggatgg	cttgaggact	ggtactaaaa	ggaaacgtga	ctgggaggcc	attgccagca	300
gaatggagga	ttatcttcag	ctccccgatg	attatgatac	tcgtgcttct	gagcctggga	360
agaagagggt	cagatgggca	gacctggaag	agaagaagg			399

<210> 2265

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2265

gcctcagcct	ccctagtagc	tgggatgaca	ggcgccctgc	atcatgctcg	actaatTTTT	60
gtatttttag	tagagacggc	gtttccaccat	gttgcccagg	ctgggtctcaa	actcctgacc	120
tcagggtgatc	cgctaccctc	agcctcccaa	agtctcggga	ttacaggcgt	gatccaccac	180
acctggccct	tgcgaattctc	tactttaagg	tttgacagaga	taaaccaata	aatccacacc	240
gtacatctgc	aatatgaatt	caagaaagga	gatagtagct	tcaatactta	gaaatagctc	300
tcacacaaaa	atactttatt	tc				322

<210> 2266

<211> 329

<212> DNA

<213> Homo sapiens

```

<400> 2266
attgatagac cattagcaag attatcgaga aaagaatata gaaaatccaa ataagctcaa      60
ttagaaccaa aacaggagat actacaactg acaccactga aatataaaag atcatttcaa      120
ggctactatg aacaccttta catgcataaa ctataaaacc taaaggagat ggataaaattc      180
ctggaaaaat aaccaccctc ctagctttaa tcaggaaaga ttaaatacc ttgacagacc      240
aattaccaac cgagaggatg aaatggttac caaaaaaaat taccatgga aaaagccagg      300
accacaccga ttcacagggt aaattttatg
<210> 2267
<211> 230
<212> DNA
<213> Homo sapiens

<400> 2267
gtagtaccat gcacattatt gaggaatggt ctaaaggat atctctcggg gtatttctct      60
acttacctgt gataatgctt ttgtcttaat aggggtggtt tcttccctaa gcgctagcca      120
aattcatgaa ttatgtgaag aattgctttc ggatgactga ccaagaggct attcaagatc      180
tctggcagtg gaggaagtct ctttaagaaa atagtttata caatttggtta      230

<210> 2268
<211> 323
<212> DNA
<213> Homo sapiens

<400> 2268
gactggaag cgaaggctct cctgaaactt ttacaaactt aaggaaagga tacctgttta      60
tgtataatct tgtgcaattc ttgggattct cctggatctt tgtcaacctg actgtgcat      120
tctgtatctt gggaaaaagag tccttttatg acacattcca tactgtggct gacatgatgt      180
atttctgccca gatgctggca gtttggaaga ctatcaatgc agcaattgga gtaactacgt      240
caccggtgct gcccttctct atccagcttc ttggaagaaa ttttattttg tttatcatct      300
ttggcaccat ggaagaaatg cag
<210> 2269
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 2269
ggggccctgt gtctggaggc tgcattgaat ccgccctgct ttttggacct ggggtggtgg      60
ccaaccactg gaacttcac ttgatctact ggttgggccc actcctggtt ggctgctgtg      120
ttggactgct cattagggtgc ttcattggag atgggaagac ccgcctcctc ctgaagcctc      180
ggtgaaagcag agctcgtggg attcctgctg ctccagggtt cctcagctca cctgtccacc      240
actcaggaca ggggagttcc tgcatttctt gccaggggcag aggccccagag gagcgacccc      300
ctgcttccac tgcttgn
<210> 2270
<211> 316
<212> DNA
<213> Homo sapiens

<400> 2270
gcattgggtc aaaaacaaaa tgaagatgga attaaaaaaa ttatttgaac tgaatgacag      60

```

taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaatcc	tacatcaaaa	agtctgaaag	attgcaaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaacacaaaa	gctagt					316

<210> 2271
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 2271						
gcattgggtc	aaaaacaaaa	tgaagatgga	attaaaaaaa	ttatttgaac	tgaatgacag	60
taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaatcc	tacatcaaaa	agtctgaaag	attgcaaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaacacaaaa	gctagtctct	tg				322

<210> 2272
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 2272						
ggcgtcgtag	tctctcgcag	cgtctggggg	ttcctgtgca	gtcctcggaa	ccaggacctc	60
ggcgtggcct	atcgagttat	ggcgacgaag	gccgtgtgcg	tgtcgaaggg	cgacggccca	120
gtcgaggcca	tcataaatt	cgagcagaag	gaaagtaatg	gaccagtga	ggtgtggccg	180
atgtgtctat	tgaagattct	gtgatctcac	tctcaggaga	ccattgcac	attggccgca	240
cactggtggt	ccatgaaaaa	gcagatgact	tgggcaaaag	tggaaatgaa	gaaagtacaa	300
agacaggaaa	cgtgggaagt	cgcttg				326

<210> 2273
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 2273						
aacataacca	ttcttaattt	aactgtttat	attatcctaa	ctactaccgc	attcctacta	60
ctcaacttaa	actccagcac	cacgacccta	ctactatctc	gcacctgaaa	caagctaaca	120
tgactaacac						130

<210> 2274
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 2274						
cgttgctgtc	ccccggggcg	aggagaggac	ctccttggtt	ccttttggtt	tgctcagtgag	60
cccctctctt	ggccatgaag	ctcgtgagga	agaacatcga	gaaggacaa	gcgggccagg	120
tgaccttggt	ccccgaggag	ctgaggaca	tgtggcacac	ttacaacctc	gtcgaggtgg	180
gcgacagcct	gcgcgcctcc	accatccgca	aggtagacag	agagtcctcc	acggggcagc	240

tgaggcagcaa	ccgggtccgc	actaccctca	ctctctcggt	ggaggccatc	gacttcgact	300
ctcaagcctg	ccagctgcgg	gttaaggggg	ccaacatcca	agagaatgag	tatgtcaaga	360
tgggggccta	ccacaccatc	gagctgggag	ccaacgcgca	gttcan		406

<210> 2275
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 2275	
tgatttttgt	ggatccagc
ttcaatcttc	gacagctggg
cacgtttctg	gatcctcaga
tacgagcaca	gggggtcttt
tgctg	

<210> 2276
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 2276	
tgagccaggc	atggttggtgc
aactctgtta	acccggggagg
gctctgggca	acagagcaag
aatcaaaaac	ataaataaag
gaaaaaacaa	aataggctgg
ctgagtgggg	gcggttcctt
aacctttgct	ctacn

<210> 2277
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2277	
cggttctgtc	ggtttcacca
ggtggttttc	atgctgagca
tgtccccaag	gttatgaagg
taaccccatc	gtccacccct
ggagaagggt	cgctccgct
gatgggggat	gtggaccagt
ggctggggag	aggaaggggc

<210> 2278
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 2278	
gaggttcttg	gaagatggcg
gagataaaat	gagaaaatgg

ttggtgaaga attaattaat ggagatgcg

149

<210> 2279

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 2279

aacactgaac	tgacaattaa	cagcccaata	tctacaatca	accaacaagt	cattattacc	60
ctcaactgtca	acccaacaca	ggcatgctca	taaggaaagg	ttaaaaaaag	taaaaggaac	120
tcggcaaatc	ttaccccgcc	tgttttaccan	angagatata	aaaaaattta	aangggggggg	180
gcgttttttt	tttttttcog	acctgtgaaa	atatatttt			218

<210> 2280

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2280

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	tacctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aaggttaaaa	aaagtaaaag	gaactcgga	120
aatcttacc	cgcttggtta	c				141

<210> 2281

<211> 325

<212> DNA

<213> Homo sapiens

<400> 2281

atgttagctg	agtgatggcc	aagttttttc	tctggacagt	aatgtaaatg	tcttactgga	60
aatgacaagt	ttttgcttga	tttttttttt	taaacaaaaa	atgaaatata	acaagacaaa	120
cttatgatag	atcaggggtg	ttgttatgtt	tttttaattt	aaaaatgcaa	ccctgcccc	180
tccccagcaa	agtcacagct	ccatttcagt	aaaggttgga	gtcaatatgc	tctgactgac	240
aggcaaccct	gtagtcatgg	agaaagggtt	ttaaatgatct	agtecaatct	ttttctagag	300
aaaaagataa	tctgaaactc	acaaa				325

<210> 2282

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2282

gtgacacaa	ctatggaaac	cctctgggata	cagcaaaaatt	gatgctaaga	agaaagttca	60
tggcattaaa	tgccatcac	aaagagtcgt	aaagaacaca	aatagacgat	ttaaaggtctc	120
acttcaaggg	actagagaat	caagaacaaa	caaaacccaa	acccagcaga	agaaataaga	180
tcagagcaga	actaaatgaa	attaaaacaa	aacaaatata	taggacaaat	gaaacaaaaa	240
gctcggtatt	agaaaaagata	aacaaaatta	atagactatt	atcaagatta	accaagaaaa	300
gaagagagaa	gatcgcaatg	ggctcaatta	gaaacaaaa	aggagatata	acaaccaag	359

<210> 2283

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2283

```
cgttgctgtc gctgccaggc cgtcccgacg tgctggtggt ggtggtttcc atgtgatgac 60
ccgcccccca gcccatccgc aacatcgtgt tccagtcagc tgtccccaa gttatgaagg 120
tgaagctgca gccaccctcg ggcacggagc tgcagctttt taaccccatc gtccaccctc 180
cagcaatcac ccaggctctg ctgcttgcca acccccagaa ggagaagggt cgcctccgct 240
acaagctcac cttcaccatg ggtgaccaga cctacaaaga gatgggggat gtggaccagt 300
tccccccacc tgaacctcgg ggtagcctct aaaacagagg ggctggggag aggaaggggg 360
anagggaaac ggcact 376
```

<210> 2284

<211> 150

<212> DNA

<213> Homo sapiens

<400> 2284

```
gaactgacaa ttaacagccc aatatctaca atcaaccaac aagtcattat taccctcact 60
gtcaaccaca cacaggcagc ctcataagga aaggttaaaa aaagtaaaag gaactcgga 120
aatcttacc cgcctgggta ccaaaaaaaaa 150
```

<210> 2285

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2285

```
cgttgctgtc ggtccggggc tatggctgtg actctggaca aagacgotta ttatcggcga 60
gtgaagagac tgtacagcaa ttggcgggtg aggaagatcc tgtaattttt cctagggagc 120
ccccttagcc atcccataat aacccgtttt ctggcgcccc tttttctctc ttcggtcagg 180
aattcccggt ttctgtgcct cacccttttc gttgctcccc aatcattcac cggagggcgc 240
cacgaacgct gccctttaac aggggaatccc ccgattcac cctgtcctgc ggccatcacc 300
atcttccccg cgtgccagcc ttggtcatgc atagcagcac ctctcgagc ctcttccgcg 360
cctagaagag gcaacatcct tcctctctac tccgtg 396
```

<210> 2286

<211> 353

<212> DNA

<213> Homo sapiens

<400> 2286

```
gagagttcct ccttgctctg gccctactc tttctggtgt tagatcgagc taccctctaa 60
aagcagttta gagtggtaaa aaaaaaaaaa aaacccccca accgctcgaa cccccaaagg 120
ggagaaaatt tttttgggac atcctcctgc ttttcccgat actgaacgtt ggctccctaa 180
agcccttcgg gaagcttttt ttctctaaaa ggaaaaaatc acccccgggg aaaatcgggc 240
tgattacagg acctggcctg ggaatgggaa aactgcggc ctataaattt gctaaactaa 300
aaagcaagcg ggttttttgg aataaaaaata accatggact ggaggaaaca ccg 353
```

<210> 2287

<211> 131

<212> DNA

<213> Homo sapiens


```

cgttggtgtc ggcattatgc actttgaaat gtaacaaatg gtactacaac caattccaag 60
ttttgatttt taacaccatg gcacottttg cacataacat gcttttagatt atatatccg 120
cactcaagga gtaaccagggt cgtccaagca aaacaaatg ggaataatg ttaaaaaatc 180
ctgggtggac ttttgaaaag cttttttttt tttttttttt tgaataaggga tttttttttt 240
ttcccccggg tgggggggaa aaacaaaaat tgggtttaat ggccctccg ttttttgggg 300
taaaaaaatt ggcgggtctc ccccccgag gaggtggaat taagggggcc cctttccac 360
ccaaagtatt ttttggtttt tttaaaaaa agggggggtt accattctg ccaggctggg 420
tttaaa
426

```

<210> 2292

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2292

```

cgttgctgtc gttttttttt aaatatgggt attggcgttt tttttttttt actttttcct 60
tcttaactca agactttagt tgttgtaaac ctgcctcaca aaatacatgg aaataacttt 120
tctttaaaaa aaaaaaaata acagccttaa cccatttttt gggggccccc tttttgggca 180
aggatggaca ccaatttatt tccccttgg ggcccccaaa aacttattta aatacccttt 240
tttaaccac ccttctcttt attataggga catgcccata aatggacaaa aagtggttac 300
cttttgggat aaaaatgcag agcaggcaaa accattacac ctgtggcgaa aagttaaaag 360
ttaggaaaaa accggggcag aggaaaagg g
391

```

<210> 2293

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 2293

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ggcgacaaac ctacagagcc tgggtgatgc tggttgtcca agatagaatc ttagttcaac 60
tttaaatattg cccacagaac cctctaatac ccttgtgtaa tttaactgtt agtccaaaga 120
ggaaacagctc tttggacact aggaaaaaaac cttgcagaga gagtanaaaa aaaaaaaata 180
aaaaaaaaa aaagggggcc tttttttccg taacccaac atggaaaaaa accttggggg 240
gtttgggcca cccccctt aaagggcggg gaaaaaaggg ttttttttgg aaaaattggg 300
aggttttggg ttttttgaa ccttttaaa g
331

```

<210> 2294

<211> 235

<212> DNA

<213> Homo sapiens

<400> 2294

```

cagtagacac tgaggcctca cctcagactg ggcaaggagc agggagcata cctgggcccc 60
agcatgagca tcagcctgct cctccccaca cagcactcgg gccaggccct cctccctgtc 120
ctttttaaaa cccgctggg aagacagaga aacatggaga gcaagagatg aaattactgc 180
tctgccttaa actgcacca gagtctctga ttacagtcac actcttacc cgtcc 235

```

<210> 2295

<211> 414

<212> DNA

<213> Homo sapiens

<400> 2295
 cgttgctgtc ggggaaataa gaagaatgaa agcctctctt tctgtccga gatcctgact 60
 ttccaaagt gccttaaaag aaatcagaca atgcccctga gtggttaact ctgtgttatt 120
 ttactcttaa aaccaaactc taccttttct tgtttttttt tttttttttt ggagcccccctc 180
 cccttcgggg caaggggggg ggtccttttt taaacccagg gaaaaccagg cccccccctt 240
 tgggtggagca aggggtctaa gggccccccc ggccccagg gccaccagg gcccatattg 300
 gcccggtggg ttgccgggcc ccgaaaaacc ccggggcccc ggttctctta cgggggattt 360
 agggggcggg ggtccaggga ccattccctt tccccgggag ttataccgcy aaag 414

<210> 2296
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 2296
 ttgcaaaagg taaagagttg ggtgccactg aatgcatcaa cctcaagac tacaagaaac 60
 ccattcagga agtgctaaag gaaatgactg atggagggtg ggattttttt ttgtaagtca 120
 tcgggttcgg cgataccatt actgccttcc ctgctatgat gtcattatct ttatatgttt 180
 cgttaactctc ttgggttttc tctgtttttt ttaatttttc ccttgactc ttctcttggt 240
 ctatctcccc acctctttta ttctctttt ccttttttgc ataatactgt cctcatcat 300
 tctttttttt atcttcccc tctacgtctt tttcttttgc ttaatccttc tgactttttc 360
 gtttctctct cegctct 377

<210> 2297
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 2297
 ggcacgaggg agagccagcc ccgaccccg ggcacactgg gccccgggt tccgcgggca 60
 ctctcggccc caccgggtgg gtctgacaag atgtaccagg tcccactacc actggatcgg 120
 gatggggacc tggtaaggct ccgcttacc atgggtggccc tggtaacggg ctgctgtcca 180
 ctgtcgccct tctctctctg catctcttgg tccctgctct tccacttcaa gaggacaacg 240
 gccacacact gtgggcctac cagaaaaatg ctttcattgt gtctattgac tcatccctcg 300
 ggcacatgct cctcacctcg atctctggc ggttgaccaa gaagcacaca gtaagtacgg 360
 aggtacgggtc tateccatag gggggctcca aggcagccca gaagataatt ag 412

<210> 2298
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 2298
 tacgtctgct agaacacgac agaaggggaa ccggatgctg gacaggcacc ccggcttgcc 60
 gtgtctctct cccctcgctc ccgagaggcc ctctggcctg agggagcctc gccgcccgtc 120
 ccgggcacac gcgcagcccc ggcctctcgg cctctgcggg agaaacaggg gaaggggggtg 180
 cagggtgggg ccgttgggga ggcctgggga cccgggggct ccgcagcgcc agggggcctc 240
 tgggaccttg gggatgttgt gatggacgct gcagtggggc cgggagagat gaagagacgc 300
 ggaggggtcgc cctgagggaa gactcttcgg gatgacagga gc 342

<210> 2299
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 2299
 cgatgtagt gcgcgtgcct accatggtga ccacgggtga cgggaatca ggggtcgatt 60

ccggagaggg agcctgagaa acggccacca catccaagga aggcagcagg cgcgcaaat 120
 acccactccc gacccgggga ggtagtaca aaaaaaaaaa aaaaaaaaaa 169

 <210> 2300
 <211> 141
 <212> DNA
 <213> Homo sapiens

 <400> 2300
 caccaccag tgggaccacc agagatgtgg atgggatgtt ttctgtgatg accagcaaaa 60
 acacagtcag agaaagcagg actgaaatcac aaagcgtcac tttttcacca cagtccgaag 120
 gaaggtaaaa gaccaacacg g 141

 <210> 2301
 <211> 318
 <212> DNA
 <213> Homo sapiens

 <400> 2301
 gaagggcgct ccgcgagccc gtctctctct gaatgaaagg aaacaacctc cggcgacaga 60
 gcccgcgtct caggcactgc tggagaaccg agaccgactt cttctctctt accctcattg 120
 gcgcttctct cctgcagtcc gctctctggc cctgccgcat tctctgagac ttaaagtggc 180
 attctaaagg caatttaaaa aatcaatggt cagctcagtt gaacagaaaa aagggcctac 240
 aagacagcgc aatggggct tttggtagtc aaatagagac aaagaatgtg gacagttact 300
 aatatctgaa aaccagaa 318

 <210> 2302
 <211> 151
 <212> DNA
 <213> Homo sapiens

 <400> 2302
 cgttgctgtc gcttaaaagg ggctctctg aggatgagta caagccctga ggctttcctg 60
 gcgctccgct cccactctgc cagctctcac gctctgatat gcacagcca ctggatcctc 120
 gggattggag acagacatct gaaccaacttt a 151

 <210> 2303
 <211> 298
 <212> DNA
 <213> Homo sapiens

 <400> 2303
 cctctctctc gctttccaac ctccagagga cgagacctaa aggggtgcctg attggctgcg 60
 gagggcgggg ctaagacaag gggcggggct gccgagacct tgggcccgcg tgagggaaaa 120
 tttgggtctg attaaagcgc agagaaaaag accaggggag tctggggcca tttgggcgtc 180
 ggggccgcgt aggtcagccg tcactgaata cagaatatgt tttcaggagc gctaatatgt 240
 agtcattgacc aatttcagtt cttctacttt ctgcgggctc tcgcaaaaaa aaaaaaaa 298

 <210> 2304
 <211> 390
 <212> DNA
 <213> Homo sapiens

 <400> 2304
 cgttgctgtc gcaggcactg tcctccctgg agctgctcaa cgttctcttc aggacctgca 60
 aacatgagaa gctgaccttg gacctgacgg tgctcctggg tgtgctgcag gggcaacagc 120
 agagcctaca gcagggggcga cactccaccg gctccagcgg cctgcacgac ctctactggc 180

```

aggccatgaa aaccctggga gtccagcgcc ccaagtgtga gaagaaggat gccaaaggaga 240
tcccagtgcc caccagagcc cccatcagta agaagcggaa gaaaaaggga ttcttgccag 300
agacgaagaa gcgcaagaaa cgcaagtcag aggatggcac gccagcgag gatggcacac 360
ctgcagccac cggcggggag cagccccca 390

```

<210> 2305

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 2305

```

cgttgctgtc gcgcacacca aggcgcagca tcagcaggca ctgtcctccc tggagctgct 60
caacgttctc ttcaggacct gcaaacatga gaagctgacc ttggacctga cgttgctcct 120
gggtgtgctc caggggcaac agcagagcct acagcagggg gcacactcca ccggctccag 180
ccgctgcac gacctctact ggccaggccat gaaaacctg ggagtccagc gccccaagtt 240
ggagaagaag gatgccaaag agatccccag tgcccaccag agccccatca gtaagaagcg 300
gaagaaaaag ggattcttgc cagagacgaa gaatcgcaag aaacgcangt cataggatgg 360
cacgccaacg taggaatgca cacctgcaac c 391

```

<210> 2306

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2306

```

cgttgctgtc ggtggatgtc ttgcagtgat gattctgcaa aacctctttt ctaaccttga 60
gaaattcttc agtattcgta cagggtggct cgaactgctca acctcaccga gaggcaggctc 120
aagatctcgt tcagaaaccc caggatgaaa atgaagaaaa tcacacaaaga ccgagcaaaa 180
gacgagtgat gccatttggg cttattttaga aaaaagggta agctagagag aaaaagaaa 240
aactgtcgt ccccttccg cettctccct ttctcacc ccaccctagc ctccaccatc 300
cccgacaaa gcggctctaa acctcaggcc acatcttttc caaggcaaac cctgttcagg 360
ctggtcgta ggctgcgcgc ttgatggg 389

```

<210> 2307

<211> 159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 2307

```

gagtcggact gcgacacagc ccateccctc gaccgtctgc gtcgcatttg gcctcctccc 60
taccgtccca agcccagccc tcatccatgg catgcccctt ggatcangcc attgggtccc 120
ttgtggccat ctttcacaag tactccggca gggagggtg 159

```

<210> 2308

<211> 147

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 2308
gggttttcoag ctcaactcaa gggtaacctga agcgaattgg caccaaagca gcagctgtat      60
tgccgcagtt ctacgtttcac cttoacgatg tttcccttgg tcaaaagcgc actaaatcgt      120
ctccaagttc gaagcattca gcaaaacn                                           147

<210> 2309
<211> 148
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 2309
tgattatcta ccgggacctc atcagccacg atgagatggt ctccgacatc tacaagatcc      60
gggagatcgc ggaacgggtt tgccctggagg tgtaggggaa gatggtcagt aggacagaa      120
gtaacattga tgactgcctc attggtgn                                           148

<210> 2310
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 2310
cacgcccattc tcctgtctca gcctcctgag tagctgggac tacaggcggc cggccaccatg      60
cccagctaat ttttttgtat ttttagtaga gaagggtttt caccgtgtta gccaggatgg      120
tctcgatctc ctgacctcgt gatctgcccg ccttgccctc ccaaagtgtc gggattacag      180
gcatgagcca ccgcgcctgg cccattttct tcctcttttg aggtaatgga ttgttttga      240
gatggcatgt tagtagacga ctgaatatgg aaaggatata gagttatcta ttttggtaat      300
tntatttttg gtttttatca tctagatttt tatcatggat tagtctgaaa tttaaagttc      360
tggccagtcg gttttctttt atcttgggaag g                                           391

<210> 2311
<211> 166
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 2311
aaaaggtctn natnaattgc aaagatgtct gacacagtct ggcatgtctg gaggatacaa      60

```

accttttaac	ctggagactt	gccggcttat	ggtttcaatg	ctggatagag	atatgtctgg	120
cacaagggtt	tcaatgaatt	taaagaactc	tgggctgtac	tgaatg		166

<210> 2312

<211> 149

<212> DNA

<213> Homo sapiens

<400> 2312

atgaccacac	aatcacatgc	ctatcatata	gtaaaaccca	gcccatgacc	cctaacaggg	60
gccctctcag	cctctctaatt	gacctccggc	ctagccatgt	gattttcaatt	ccactccata	120
acgtctctca	tactatgcct	actaaccaa				149

<210> 2313

<211> 296

<212> DNA

<213> Homo sapiens

<400> 2313

gcttcggctg	caagaagacg	acggaagggg	ggtgttttgc	gggtagcgcg	gcgtgataag	60
ccatgagcac	caaaggctct	ggcgacaccc	tgtacgaggc	ggcgcgggaa	gtgctgcacg	120
ggaaccaaac	caagcgcgcg	aagatccttg	agacgggtga	gttgcctgagc	agcttgaata	180
actatgatcc	cctgaaggac	aagggctttt	gggacacgcg	gaggcttaag	tcactcggc	240
gcgttagggt	ctttgagttt	gggctggggg	accagcagct	ctgggtggag	gctaaag	296

<210> 2314

<211> 166

<212> DNA

<213> Homo sapiens

<400> 2314

ggcgcagctg	ttcttgcggt	ggcggagcgg	cggattatcc	ttcgcggggc	aaaatggagc	60
tgcaggccat	gagcagatat	accagcccag	tgaacccagc	tgtcttcccc	catctgaccg	120
tgggtgcttt	ggccattggc	atgttcttca	ccgactggtt	cttcgg		166

<210> 2315

<211> 178

<212> DNA

<213> Homo sapiens

<400> 2315

ctacgcttgc	tgtttgcgct	ctctgaaagg	gacaccaagg	ctgtgattta	caccaactgt	60
cgagcactgc	ttctccatgg	agaaactaga	aaaactgctt	ttggaattat	ctctacagtg	120
aagaaacctc	ggccatcaca	aggagatgaa	cattgtcttc	cagcttccat	gaaagact	178

<210> 2316

<211> 151

<212> DNA

<213> Homo sapiens

<400> 2316

gacttgggct	gaggagccgc	cgctccctcc	cgccagtgcc	cctcgccaga	ttccctccgt	60
cgccgccaag	atgatgtgcg	gggcgccctc	cgccacgcag	ccggccacgc	ccgagaccca	120
gcacatctgc	gaccagggtga	ggtcccagct	t			151

<210> 2317

<211> 402

<212> DNA
 <213> Homo sapiens

<400> 2317
 ggacacgaggc ggggttccttt tttagaagct ttgtgggttg attttttttt cttttctttt 60
 ttggacattt ttaattgcag tttaaaagt aatcgttaaga gaacctcagc attgtgcagc 120
 ataagagaat gtgtcagtat ttccagggttc tacattttat ctgtaaaaatg tgactttttt 180
 tttttttttt cacaccacaaa gaaaaaggtg gttttggcccc ggggggtttt tatataaaaa 240
 taaccccccc cttttttttt aaaaaaaaa agcgggggagt ttggccccc ttataaaaaa 300
 aggggtccca cccaaatttt tgtggggcct agggggccct cagaaatggc ataaaaactt 360
 ggaccgcgta aaataacccc ccacctttt tgaagtgggg gg 402

<210> 2318
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 2318
 gaccacgctt ttcattctgtc ccgctgcgtg ttttctctt gatcggggac tctctgttct 60
 cctgcctcg aaatggaccc caactgctcc tgcctgcctg ttggctactg tgccgtgtggc 120
 ggctcctgcc catgctaaga gtgcaaatgc tcctcctgca agaagaactg ccgctcctgc 180
 tggcctg 187

<210> 2319
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 2319
 gaaagcagca gctgtattgc cgcagttcta gcttcacct cactgatgtt ccttgggtca 60
 aaagcgcaat aaatcgtctc caagtctgaa gcattcagca aacaatggca aggcagagcc 120
 accgaaacg tacacctgat ttttatgaca aataa 155

<210> 2320
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 2320
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 ctggaagttc tagccagagc aataagaaaa gagatagaaa taaagtccat ccaaattgga 120
 aatgcagagg tcaaatgtgc ctgtcctatg acaattgato ttatattatg aaaaacctaa 180
 ataattctc aaaaaactgt tagaattgat aaacaaattc agtaagttta caggctataa 240
 aatcaatgc gaaaaatttg aagcatttct acatgccaac agtggacaat gtgaaaaaga 300
 aatcaagaaa gcaa 314

<210> 2321
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 2321
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 ttggtgtggc tcctcgttaa ctacagcaga agttgtagtt acagaaattc ctaaaagaaga 120
 aaaagacctt ggaatgggtg caatgggtgg aatgggaggc gttcttttct ttctctgacg 180
 aagctatttc tattaaaaaa ccaaaaatct aatctcttac attatttttt gctcttatac 240
 aaatcatatt cctacttcta tctcacagtc attctatata ggtctctata ctctcaattt 300

tactatatcc actttatcaa ctttatectc tatacgacct tgtataaata tc 352

<210> 2322

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2322

gcagagctaa	ggaagaagag	cgccataata	aactccgact	ggaaagcgaa	ggctctcctg	60
aaactcttac	aaacttaagg	aaaggataacc	tgtttatgta	taatcttggt	caattcttgg	120
gattctcctg	gattcttctg	aacctgactg	tgcgattctg	tatcttggga	aaagagtctc	180
tttatgacac	attccatact	gtggctgaca	tgatgtattt	ctgccagatg	ctggcagttg	240
tggaaacctat	caatgcagca	attggagtc	ctacgtcacc	gggtgctgcc		289

<210> 2323

<211> 171

<212> DNA

<213> Homo sapiens

<400> 2323

gcaagcgcca	ccctagcaat	atcaaccatt	aacctttctc	ctacacttat	catcttcaca	60
attctaattc	tactgacct	cctagaaaacc	gctgtcgctc	taatccaagc	ctacgttttc	120
acacttctag	taagctctta	cctgcacgac	aacacataaa	aaaaaaaaatt	c	171

<210> 2324

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2324

cggttctgtc	ggacctgccc	cggggcccagg	tggagaaaagt	gagggccgta	caaggaaagt	60
aaattctgag	ttgttggggc	taagcctgac	cccctctcca	tgctccccc	cccaaccacc	120
tctggcctca	gtagattttt	tttccagttg	tggttgttgc	ccaggctgga	gtgcagtgcc	180
gccatcttgg	ctcaactgcac	ctccacottc	cgggctcaag	cgattctcca	gcctcagcct	240
cctgagtagc	taggactgca	ggtgctccac	cacgcccggc	taatttttgt	atttttagta	300
gagatggggg	ttcccccatt	tggccaggct	ggtctcgaac	tctggcctc	agggtgtgat	360
cgccgcctcc	gcctccccc	gcgctgagat	acagggggga	gccac		405

<210> 2325

<211> 158

<212> DNA

<213> Homo sapiens

<400> 2325

gacttcaagg	gtacctgaag	cgaattggca	ccaaagcagc	agctgtattg	ccgcagttct	60
agcttcaact	tcacgatgtt	tcctctggtc	aaaagcgac	taaatcgtct	ccaagtctga	120
agcattcagc	aaacagtggc	taggcagagc	caccagaa			158

<210> 2326

<211> 375

<212> DNA

<213> Homo sapiens

<400> 2326

cggttctgtc	tttctatgat	agaccgggct	ttaccatatt	acccacgagg	ctgttgaggt	60
cctgagcttg	agatacacc	gcctccctct	tccaaagctc	tgagattaca	gacttgagcc	120
acctgtgtct	gacggaatac	tcagaattct	taaagactga	cctaattgct	gcatcccaag	180

tttacatgca	ctttcctttt	tattgtggtc	gccacttgcc	ctttgtgtcc	cacttcatgc	240
ctgtcatggt	ctacctgact	tgcgacatgg	actgacggat	tatactgccc	ccagagaagg	300
agcttgcgat	gcccggggag	gacctgaaaa	tcaactaat	cttgcggcag	acaatgatct	360
tagagaaagg	ccagc					375

<210> 2327
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 2327						
cctcgaatcg	ccctttttgca	tgateccatc	gateccaact	cgcagatgt	cgggggtgaa	60
gggagaagct	gccggtcgca	ctcacaatga	cgacgctcct	gctattgctg	ctggagctcc	120
gggagctggg	agaggcccaa	ggatcccttc	acagatggaa	tacttcggca	ctatctccat	180
tggtcgcca	ccacagaaact	tcaactggcat	cttcgacact	ggctcctcca	acctctgggt	240
ccctctctg	tactgcaact	gccacgctg	cagtgggaagg	gataaccctg	gttggccagc	300
agtttggaga	aagtgtcaca	gagccaggcc	agacctttgt	ggatgcagag	tttgatggaa	360
ttctgggct	gggatacccc	tccttggctg	tgggaggagt	gactccagca	tttgacaaca	420
tgatggc						427

<210> 2328
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 2328						
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ccatcaatga	gaagacaaag	ggccctcttg	cccgcttctc	catcggtttt	gcgctacgc	120
tggaatctct	gtctgggggg	cctgtgtctg	gaggtctgat	gaattccgcc	cgtgtctttt	180
gacctgcgtg	ggttgccaac	cactggaaact	tccactggat	ctactggctg	ggccccctcc	240
tgactggctc	cctgtgtgca	ctgctcatta	tgtgcttcaa	tgacacccgg	aagattcggc	300
ctcatccctg	aagg					314

<210> 2329
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2329						
agacaaagg	ccctctggcc	ccgttctcca	tcggtcttgc	cgtaaccctg	gatatcctgg	60
ctggggggcc	tgtgtctgga	ggctgcatga	atcccccccg	tgcttttggg	cctgcggtgg	120
tggccaaacca	ctggaacttc	cactggatct	actggctggg	ccactcctcg	gctggcctgc	180
ttgttggact	gtctattagg	tgtctcattg	gagatgggaa	gaccgccttc	atctctgaag	240
ctcgggtgaag	cagagctcgt	gggattcctg	ctgctccagg	tgtcctcagc	tcacctgtcc	300
cagactcaag	acagggggagt	g				321

<210> 2330
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2330						
gacacgttgg	ctgcgttttc	ggcgggcttc	ccgggtacaa	aaatggctgt	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtgtt	ggcacgagtt	tctggagtgc	120
gaatttccgc	cggacggaaa	gcttagatat	gccacaacaa	gcaattacaa	aaatgatgtg	180
atgatcagaa	aagaggctta	tgtgcacaag	agtgtaattg	aagaactgaa	gagaattatt	240
gatgacagctg	aaattacaaa	agaagatgat				270

<210> 2331
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 2331
 tgggggagac taacctacog agcctggtga tagctgcttg gacgagatag aatcttaggt 60
 caactttata ttcggccaca gaacctcta catcccttg tgaattatc tgttagtcca 120
 aagaggaaaca gctgtttgga cactatgaaa aaaccttcgc gagagagtaa aaaatttaac 180
 acccatagtt aacctaccga gctggtgat agctggctgg ccaagataga atcttagttc 240
 aactttaaat ttgccacag aacctctaa atcccttgt aaattgaact gttagtccaa 300
 agaggaacag ctctttggag actaagaaa g 331

<210> 2332
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2332
 aattaggaga tgctgatctc tcacattatg aatttctaaa tcctagaaag aaaggcttg 60
 agagcttctg aatatagaga agtttcattt aaggactagg tccccctgt tgatgtatca 120
 aaatattaca gactctaac tgagacttaa ttctcaaatg tgttttactt gatctaaaaa 180
 aatctgtcca caaaaataaa attctaagta ataaattgtt attttccac cgggggaatc 240
 actaacccat tttatgctga ggtgcaatt ttttgaactt gaaaatcaga ccttggcgat 300
 gactttgaac aaaaattaa t 321

<210> 2333
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 2333
 taaaacactg aactgaccat taacagccca atatctacaa tcaaccgaca agtcattatt 60
 accctcactg tctaccaca acaggcatgc tcataaggaa aggtttgaaa aagtacaagg 120
 aactcgccaa atcttaccoc gctgtttac caaaaacatc acctctt 167

<210> 2334
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 2334
 agatgcctgc tatcctgact aatttaagtc attagetgac tgcatagtcc tttttcttga 60
 gaggtctctc attttgattc agaaagttag catatttatt accaatgaat ttgaaaccag 120
 ggcctttttt tttttggggg aaggaaaaac cactctcttc cccccaaaaa attaaaaaac 180
 gcccttgggt ttctttatta aggaaccccc ttctaattaa tggggccaaa cccaaggaa 240
 aaaaatttcc caatatcttg cgcccccgaa aaagaggtgc ctttttaaga aaacacgttt 300
 tttaacctta accaaaaacc cagggggaaa aataaaacct tcggggggga aatccggggg 360
 gtgaaaaaaa gggggccttc attccccccc cgttttttt tt 402

<210> 2335
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 2335

agtttgtgata	cgaatagaac	aaaaaaaaaa	aaacccttaa	acttttgttg	ggaccccaag	60
gagttgggaa	cttggggaaa	aataaccccg	gccccagcgg	ttcccaccca	cattccattt	120
ttttcttttg	aacggattta	gtaaggccca	aaggggggaa	cccttctttg	gaaaaaagtc	180
ccaattgggg	tctaaaaacg	gggaaaaaaa	acaaccgggc	cgccacttgg	ttaaacctaa	240
aagcttttaa	aaacccaata	tattcgccca	aaaatatccc	tggatggtaa	cccctcaccc	300
cataggggtt	tttggttttt	aaacaaaata	atatttgtcg	gggggggaaa	aacccttggc	360
tttcaaa						367

<210> 2336
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 2336						
ggctgctctc	aggtttctgg	aagatggcga	agggtctcaga	gctttacgat	gtcacttggg	60
aagaaatgag	ggataaaatg	agaaaatgga	gagaagaaaa	ctcaagaaat	agtgagcaaa	120
tttggaaggt	tggagaagaa	ttaattaatg	aatatgcttt	taagctgggg	agatgatatt	180
tggtatat						188

<210> 2337
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 2337						
cggtgctgtc	ggaaaagggc	aagatagcat	agaacctgtt	cccggtcaaa	aggggaaaaa	60
aaaagcagtg	gagcagcgtg	acttcatttg	agtggacagc	acaggaaaga	ggctgctctt	120
catggctaat	gaagcagact	tggatgaaga	gctggtcatt	aagggaacca	tcctacagaa	180
gtcaataact	tctatccgga	gtgaactgat	tccatattta	gtgagaaaaa	agttttcttc	240
agcttctca	caacagggag	aagaagaaaa	agaggaggat	ctaaagaaaa	aggagctgaa	300
gtccattgat	atctacagtt	ttataaaaga	agccaataca	ctgaacctgg	ctccctatga	360
tgcttctgtg	aatgcctgtc	gaggagacag	gtg			393

<210> 2338
 <211> 172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 2338						
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ttcatataaa	tgatgggcaa	ggtacgaact	gatataaacct	acccctgtcg	attcatggat	120
gtcatcagca	ttgacaagac	gagagagaat	ttccgtctga	tctatgacac	cg	172

<210> 2339
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

[illegible]

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<210> 2340
<211> 385
<212> DNA
<213> Homo sapiens
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<211> 183
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 2343
acgttcncnc gctatatgcg gcggtctggc aggaatggga ggcattccata acgagaagga      60
gaccatgcaa agcctgaacg acgcgctggc ctcttacctg gacagagtga ggagcctgga      120
atacgaaaaa cggaggctgg agagcaaaat cggggagcac ttggagaata agggaccccca      180
ggt
183

<210> 2344
<211> 405
<212> DNA
<213> Homo sapiens

<400> 2344
cgttgctgtc gggcatgtgc ctgtggtcct agctactcat gaggctgagg taggaggatc      60
actgagcctc gggaggtcga ggctgcagtg agccatgaac atgctactgc attccagcct      120
gggcaacaga gtgagaccct ggctcaaaaa acaaaaacaa aaactagtgt gttttagtat      180
tcattaatca cgtatatgag cactggtagt ctagtgtttg ttctgtgata cagagttttc      240
ttaaattgaga tgatgctatt taattctggt acttggtttt tcaactaatg gatcttttaa      300
agttttttat ttaaattttt tgtgggtaca tattaggtaac atactcttat ggggtacatg      360
agatgttttt ataaaggctc agctaagtga tcttgaatat catgt
405

<210> 2345
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 2345
ggagctcaga gctaaggaag aagagcgcct aaataaactc cgactggaaa gcgaaggctc      60
tcctgaaact cttacaaact taaggaaaag atacctgttt atgtataatc ttgtgcaatt      120
cttgggattc tcctggatct ttgtcaacct gactgtgcga ttctgtatct tgggaaaaga      180
gtccttttat gacacattcc atactgtggc tgacatgatg tattcttgcc agatgctggc      240
agttgtgaaa actatcaatg cagcaattgg agtcactacg tcaccggtgc tgccttctct      300
gatccagctt cttggaagaa attntattt
329

<210> 2346
<211> 394
<212> DNA
<213> Homo sapiens

<400> 2346
ggcacgaggc cggccaatgc cggaccgctt tggcacgcgc cgcccgatct ctccaccgct      60
gggcggggcaa tggcggggcg agtttcgctc ttgggtgtgg tggggctgct gcttgtgtct      120
gcgctgtccg gggctctagg agaccgagcc tatcccgacc tcocggacaca cccaggggaa      180
gcagccccc cgggctctgg agccacggaa ccccgggcgc gaccaccgct caaggatcaa      240

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cgcgagcggg	cccgggcccg	gtcgtgcct	ctggggggcg	tgtacaccgc	ggccgtcgcg	300
gctttttgtg	tgtacaagt	tttgcagggg	aaagatgaaa	ctgcggttct	ccacgaggag	360
gcaagcaagc	agcagccact	gcagtcagag	caac			394

<210> 2347

<211> 162

<212> DNA

<213> Homo sapiens

<400> 2347

attatgacag	aggttactct	agcctgctta	aaagagattt	tggggcaaaa	actcagaatg	60
gtgtttacag	tgctgcgaat	tacaccaaatg	ggagctttgg	aagtaatttt	gtgtctgctg	120
gtatcacagc	cagttttaag	actggtaatt	caacagggac	tt		162

<210> 2348

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 2348

cgttgctgtc	gattcanaat	tgggatgggg	gttgggggtg	agcacactta	ttatcttcag	60
ttgcagtgat	ttcaaattta	agattttttg	ttgttggttt	gaactgtccc	cttagtttct	120
tggtatttcc	aatttgttct	gcttagtcat	tacttttaat	tcttttctta	ctaaaatttt	180
atggaggttg	ggggaaggga	gttagcatca	ctaacctgac	agttgttgcc	aggaatttgc	240
tctgtttact	gctagtatat	tagaaaatct	agatctcaga	atcacaaatg	taataaacaa	300
cagggggtcat	tttttctcta	cttactctgt	gttcaagtgt	ggaattttctg	tctcccan	358

<210> 2349

<211> 420

<212> DNA

<213> Homo sapiens

<400> 2349

tctactgtgg	cactatttaa	gcaagttaaa	atttagttaa	accctctcat	tattaaagag	60
gaaagggcat	ggatgatctc	gtagtacaat	ataaaccata	attgtgattt	accttaagta	120
gggtataact	ttatggggata	tacagtatag	tttttgtgaa	tctttacatg	acagcattat	180
ctttttataa	ttttttttcc	taagataaac	aaatgcatag	ttttcttcta	tgggtgatag	240
aaacagcttt	ttgaagtaat	gaaaacctca	aaagatcatg	ttgatttcta	atttttgcct	300
tttgcataag	ctcttttata	acatgtatct	ttaaaaccaa	ttaagtcttt	aggaatgtgt	360
aaccagaact	atgttagtat	tgcttataaa	accttaggtta	gggtcaatat	atacctatag	420

<210> 2350

<211> 373

<212> DNA

<213> Homo sapiens

<400> 2350

cgttgctgtc	gaataagatg	tattctttat	aattgaattg	gtttttccca	cgtctaactg	60
gaaacaaaac	agaaggggcg	tcataaaatt	gaataagcag	aacatactgt	tctcaacata	120
ctgtaataca	aaggagggaat	ttcagtgagg	ctctgtgtgt	atgagagaga	gagtggtgtg	180
ttgtgtgttt	caaggtcaca	acaggctttt	ttgtttttgt	tttttgctct	ttgctccttt	240
tcgagaagga	ggcctgctct	tgccggcccg	gtcggattcc	acacgcgccc	tctccatcca	300

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ctgtatcctc tgcctccag ggctagccag gactactgcc tctctctccg gacgaactgg 360
gaccccccca ccc 373

<210> 2351
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 2351
ggcggctggc ctgcatcggg gacgagatgg acgtgagcct cagggccccc cgcctggccc 60
agctctccga ggtggccatg cacagcctgg gtctggcctt catctacgac cagactgaag 120
acatcagggg tgttcttana agtttcttgg tcggggtgac cacccttaag gataacattt 180
ttattttttg gagacaccca aaccccggtt cctgtttctc cttctcacac gatctttctt 240
ctcttttggt gttgcgcttt gcgttggttt cctcacgtct tcccttgccc tgtc 294

<210> 2352
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 2352
aaatatagaa acaaaagatt attgccagcc accacaaata cacacttaac tatgtagacc 60
attgaaacta taaagcaact acacaatcaa gtctacatga caaccgctta acaacacaat 120
gacacgatca atttttcaca tatctacatt aaccttggac acaaaaggcc taaacagctc 180
acttaaaagg tacagagtgg caagttagat acagaagcaa gacctgactg catgctgtct 240
tcaagagatc catctcacat gcagtaacat ctatgggctc aaagtaaagg gattgagaaa 300
catgtttgaa gtaaatggaa an 322

<210> 2353
<211> 164
<212> DNA
<213> Homo sapiens

<400> 2353
aggttccctc tcggctacag gaaggeagga ggggtgagtc cctactccc tcttcactgt 60
ggccacagcc cccttgccct cgcctggga tctgagtaca tattcggtg atggagatgc 120
agtcacttat tgtccagggt agggccaaga gccctgtggc cgcc 164

<210> 2354
<211> 284
<212> DNA
<213> Homo sapiens

<400> 2354
gacgttggtc gcgttttcgg cgggttccc ggggtacaaa atggctgtgg ctagegattt 60
ctacctgcgc tactacgtag ggcacaaggg caagtttggg cagagtttc tggagttcga 120
atttcggcgg gacggaagac ttagatatgc caacaacagc aattacaaaa atgatgtgat 180

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gatcagaaaa	gaggcttatg	tgacaaagag	tgtaatggaa	gaactgaaga	gaattattga	240
tgacagtga	attacaaaag	aagatgatgc	tttgtggcct	cccc		284

<210> 2355
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 2355						
ggcagcagat	gagcccagcc	ttcaggggtct	ttgatgtgga	gccccgcgcc	aaaggcgtcc	60
ttctggagcc	ctttgtccac	caggtcgggg	ggcactcatg	cgtgctccgc	ttcaatgaga	120
caacccctgtg	caagcccctg	gtcccaagg	aacatcagtt	ctacgagacc	ctccctgctg	180
agatgcgcaa	attcactccc	cagtacaaa	gacaaagcca	aaggccccct	gttagctggc	240
catccctgcc	ccattttttc	ccctggtcct	ttccccctgt	gccacaggga	agtgtgcct	300
gaataccoca	ccccggctcc	tctgcaccca	aagctggggg	ccacctcaga	agtgtcatct	360
ctctttgagc	acgcattccc	ctggagag				388

<210> 2356
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2356						
ggaaaaccag	ctctgaggtt	gagccattga	taaatgctta	taaacatctt	ggccaagagg	60
acacatcagc	ccaaggagga	ctagaggcac	aaatgatcca	gctacctttg	gacatttgcc	120
agggggatac	aatggccact	attatggata	tccttgaggt	gaagtatttt	ccatggatat	180
gttttaccag	tggtttataa	cagaagggat	catgaacacg	gaggttgtaa	cgaatttcgc	240
aaggctcacc	ctgataacct	cgggatctct	ggacgggggt	gacatgtcac	acaatttctt	300
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<210> 2357
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 2357						
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ggtaacaaaa	tggtctgtgg	tagcgatttc	tacctgcgct	actacgtagg	gcacaagggc	120
aagtctgggc	acgagtttct	ggagtccgaa	tttcggccgc	acggaaagct	tagatatgcc	180
aacaaacagc	attacaaaaa	tgatgtgatg	atcagaaaag	aggcttatgt	gcacaagagt	240
gtaattgaag	aactgaagag	aattattgat	gaccgtgaaa	ttaccaaaaga	agatgatgct	300
ttgtgcccct	ccccgtataa	gggtg				325

<210> 2358
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 2358						
tgagcccagc	cttcaggccc	atggatgtgg	agccccgcgc	caaaggcgtc	cttctggagc	60
ccctttgtcca	ccaggtcggg	gggcactcat	cgctgctccg	cttcaatgag	acaacctgt	120
gcaagccctc	ggtcccaagg	gaacatcagt	tctacgagac	ccctccctgt	gagatgcgca	180
aattcactcc	ccagtacaaa	ggacaaagcc	aaaggccccc	tgttagctgg	ccatccctgc	240
cccatttttt	cccttggtcc	tttccccctg	ggccacaggg	aagtgtggcc	tgaatacccc	300
accccggtcc	ctctgcaccc	agagctgggg	gccacctcag	aagtgtcatc	tctctctgag	360
cacgcattcc	ccctgcagag	tcgaggactg	agcagattga	gtgat		405

<210> 2359
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 2359
 ggcaacgagg cgagtgtagt gcttccgagc ggatccagc gtgcggcgcc agcgccggcg 60
 gcggcgccct ccgggctccg gctccggcct ctgctgttgc tcttctccgc cgcggcactg 120
 atccccacag gtgatgggca gaattctgtt acgaaagacg tgacagtgat cgagggagag 180
 gttgcgacca tcagttgcca agtcaataag agtgacgact ctgtgattca gctactgaat 240
 cccaacaggc agaccattta ttccagggac ttcaggcctt tgaaggacag cagggtttcag 300
 ttgtgtaatt tttctagcag tgaactcaaa gtatcattga caaacgtctc aattttctgat 360
 gaaggaagat acttttgcca gctctat 387

<210> 2360
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 2360
 gactgtctga gccggcgctg ggcccaggca ccacgcgggt gctgctgctg cagatctcca 60
 gcggcgccga ggatctcggg gagacagctc gctccctcaa gtccgcgcac cgagtgggtc 120
 aagtggagct ggggcccagcc cgggcgccga ggggtccgcg ctctctccgg acgccttctt 180
 ccttcagcac gcacactccg ctccacggga cccctctcac cctacgcgcg tccctctggca 240
 gtcttcacat ccccaagtcc gacacggcct cgggctcggc tctcgcgcgc gcagagggcc 300
 tgccctctta gtccctgggtc gcggccctgc ccatggggtc tcaggccagg tctctgctgg 360
 cagaggcggt agtaaagctc ctgtaccctg tctccaggg cacaagctcc cta 413

<210> 2361
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 2361
 gatgctcggg gctgccttgg ccaaggcggt gagtctctgag gagagggtct ggaatgcac 60
 tggggcgccc ttgtgacag tccaggagca ggggcagggt gcaggggcgt tgggtggcaga 120
 gatcatcttg acgacactgc tggccctggc tgtatgcacg ggtgccatca atgagaagac 180
 aaagggccct ctggccctgt tctccatcgg ctttgccctc accgcggata tcttggtctg 240
 gggccctgtg tctggaggct gcatgaatcc cgccctgtct ttggagcctg cgggggtggc 300
 caaccactgg aacttttcg 318

<210> 2362
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2362
 cagccatgtc tggtcgaact gctgggctct gctctcttca tcttcatcgg gtgctgtctg 60
 gtcacagaaa tgggacggac actgggctgc tgcagacggc cctggccca cgggtcggtt 120
 tggggctcgt gattgccacg ctgggggaata tcagtgttgg acaattcaac cctgcggtgt 180
 cctggcagc catgctgacg ggaggcctca acctggtgat gctctctccg taactgggtct 240
 cacagctgct cggggggatg ctgggggctg ccttgggccaa ggcggtgagt cctgaggaga 300
 ggctctggaa tgcactctgg g 321

<210> 2363
 <211> 386
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2363

cgttgctgtc	ggctgcgcgt	cgcangagta	acctacttgg	tctctcgtct	tcgcagacatg	60
gccttcaatt	tgggggctcc	ctcgggcacc	tcgggtaccg	ctgcagccac	cgcggccccc	120
gcggatcata	tctgaagata	ttagtgagct	acaaaagaat	caaaactacat	ctgtagccaa	180
aattgcacaa	tacaagagga	aactcatgga	tctttcccat	agaactttac	aggctcctaat	240
caaacaggaa	attcaaagga	agagtgggta	tgccattcag	gctgatgaag	aggcagttgag	300
agttcagctg	gatacagctt	aggggtgaact	aatgcacct	actcagttca	agggcccgact	360
aaatgaattg	atgtctcaaa	tcaggg				386

<210> 2364

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2364

ggcacagagg	taagaagagc	tgctgcatta	cccaggcatc	gtggatggcc	cgcagccct	60
ggatagcttc	ccagagacag	tgccccccag	accaggggccc	tatggaccgc	accggccttc	120
ccagaccctg	ccccccagct	tgacacagca	cggctctgaag	agggagaagg	atgagatcta	180
tgacaccccg	ctcttcccc	tcttggccct	ggtctttgag	aaatgtgaac	ctggctacat	240
gctctccccg	tgacggggcc	ggagctgggc	tggggacacc	ccctggagga	gatgtctgct	300
cctctgatta	cttcaacgag	gacatcgctg	cctttgcca	gcaggtccgc	tctgagaggg	360
ccctcttctt	cttcaaccga	g				381

<210> 2365

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2365

cgttgctgtc	ggcagattct	gcagccatca	aacatccagc	agcagcaagg	cctgcagccg	60
ccaccaccac	caccacagcc	gcaccttggc	gtgagctcag	cagccagcgg	ccaacctggg	120
cggagcttcc	tgaagtggag	gcagagccag	gcagagctgc	agccactggg	ccccagcagc	180
ctggcgggtg	acactattct	gccccaggag	agccccgcc	tggccatcgc	gtcgcctacc	240
tcgctggggc	cacccgagg	cgcagccagc	tctctgacgc	ccccctcgca	gcacagctac	300
tgctcgccct	tgacacaac	ccccagccac	cagctacagg	tgctgagca	cccctttctc	360
accccgctcc	ctgagctccc	tg				382

<210> 2366

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2366

ggggacaaaa	aatggctgtg	gctagcgatt	tctacctgag	ctactacgta	gggcacaaag	60
gcaagtttgg	gcacagagtt	ctggagttcg	aatttcggcc	ggacggaaag	cttagatatg	120

ccaacaacag	caattacaaa	aatgatgtga	tgatcagaaa	agaggcttat	gtgcacaaga	180
gtgtaatgga	agaactgaag	agaattattg	atgacagtga	aattacaaaa	gaagatgatg	240
ctttgtggcc	tccccctgat	aggggtggcc	gacaggagct	tgaattgtga	attggagatg	300
agcacatc	ttttaccan					319

<210> 2367

<211> 397

<212> DNA

<213> Homo sapiens

<400> 2367

ggatgacgtc	actgcaaggc	gccgggggac	acgttggctg	cgttttcggc	gggcttccgc	60
gggtacaaaa	tggctgtggc	tagogatttc	tacctgcgct	actacgtagg	gcacaaggcc	120
aagtttggcc	acgagtttct	ggagtgcgaa	tttcggccgc	acggaaagct	tatatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaaa	aggcttatgt	gcacaagagt	240
gtaattgga	aactgaagag	aattattgat	gacagtga	ttacaaaaa	agatgatgct	300
ttgtggccct	ccctgatag	ggttggccga	caggagcttg	aaattgta	tggagatgat	360
cacatatctt	ttaccacatc	aaaaataaag	ttctctt			397

<210> 2368

<211> 406

<212> DNA

<213> Homo sapiens

<400> 2368

attcgaattc	cggtgtgctc	ggcggcatca	aactcttttt	gactgtctcc	ctatctccac	60
cccggagctg	ctcactccgt	gcggctcgcc	ggagtacatg	gcccccggag	tagaggagcc	120
cttcaacgag	gaggctagca	tctacgacaa	gcgctgcgac	ctgtggagcc	tggcgctcat	180
cttgtatctc	ctactcagcg	gctaccgcc	cttcgtggcc	cgctgtggca	gcgactgcgg	240
atgggagccg	ggcgaggcct	gccctgctgc	ccaaacatgc	tggttgagag	cattcaagag	300
ggcaagtagc	aagtccccgc	acaggactgg	gccacacatc	tctgcgctgc	caagacctca	360
tattcaagct	gttggtccgg	ccccccaaca	gaggctgtat	gccgcg		406

<210> 2369

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2369

cggtgtgctc	gggagacttg	aggagttgct	gagggtgcc	gtgtacctgg	gcacgaggat	60
atgatgttcc	agcttctccg	aggctctggc	tttcttcatt	cacaccgagt	agtgcatcgc	120
gatctaaaaa	cacagaacat	tctggtgacc	agcagcggac	aaataaaaat	cgctgacttc	180
ggccttgcgc	gcactctatg	tttccagatg	gctctaacct	cagtggctgtg	cacgtgtgct	240
tacagagcac	ccgaagtctt	gctccagctc	agctacgcc	cccccgtaga	tctctggagt	300
ggttgctgca	tatttgcaga	aatgtttcgt	agaaaagcct	ttttctgctg	aagttcagat	360
gttgatcaac	taggaaaaaa	cttggacgtg	attggactcc	cagg		404

<210> 2370

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2370

cggtgtgctc	gatgggacta	gattctaaaa	tttatttggg	accatgggaa	tgatagtgtg	60
gaagaaaaat	atttgcacac	gacagatttc	tagatacttt	ttgctgctag	ttttatgtaa	120
tattttatga	acattttgac	aaatatttat	ttttgtaagc	ctaaaaagta	ttctttgaaa	180
gtttaaagaa	acttgaccac	aagacagtac	aaaaaacactg	gcacttgaat	gttgaatgac	240

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accgatgctg tgaaattata tatttcgggg tagtgtgagc ttttaaatgt taagtcatat 300
taaaactctta agtcaaatta agcagacccg gcgttggcag tgtagccata actttctgat 360
gttagtaaaa acaaaatttg cgacttgaaa ttaaatcatg ccaaggtttt gatacact 418

```

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<210> 2371
<211> 400
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

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<400> 2371
cgttgctgtc gagattttca agtgatttgt gccttgcctt aaaactttta ttaagtaggt 60
gcacttgaca gtattgaggt catttggttat ggagctattt caattagtct aggttttaggc 120
ccttgatcat ttgtcccata actttttaca aagtacttct tttattgcac attcagagaa 180
ttttatatat atgtcttggt tgcgtgtcct taaacttcca atcttacttt gtctcttgta 240
gattgtttgaa cgcagcttgt ctaggaaggg gatgggacta gattctaaaa tttatttggg 300
accatgggaaa tgatagtgtg gaagaaaact atttgacacac gacagatttc tagatacttt 360
ctgctgctag ntttatgtga tattttattga acattttgag 400

```

```

<210> 2372
<211> 385
<212> DNA
<213> Homo sapiens

```

```

<400> 2372
cggttgcgtc gaaaactttt attaatgtagg tgcacttgac agtattgagg tcatttggta 60
tggtgtcatt tcaattagtc taggttttagg cccctgtaca ttttgcccat aactttttac 120
aaagtacttc ttttattgca cattcagaga attttatata tatgtcttgt gtgcgtgtcc 180
ttaaacttcc aatcttactt tgtctcttgg agatttggta acgcagcttg tctaggaaagg 240
ggatgggact agattctaaa atttatttgg gaccatggga atgatagtgt ggaagaaaaac 300
tatttgcaca cgacagattt ctagatactt ttgtcgtcta gttttatgta atatttattt 360
aacattttga caaatattta tttttt 385

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<210> 2373
<211> 375
<212> DNA
<213> Homo sapiens

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<400> 2373
cggttgcgtc gatccccctg gccccaggatc atgaggatga gaataagaaa ggtggtgagg 60
tcccctgggc cccgctgaa ggatcagagg cagcagagga ggcagccccc agtgaccgca 120
tgccgtcagc ccggccccc tgcgcgccac tgtcaagctg ggagcgggtg tcacggctca 180
tggaggagga cctcgccttc cgtcttggtg gtctctgctg gctcaagcag gagcagctac 240
ggctgcaggg actgcagggg tctggggggc ggggcggggg gctgcgcagg cccccagccc 300
gcttctgccc cccctcagcac tgcaagctac gcttccccct caagagcaac ccccagcacc 360
gggagtcctg gccag 375

```

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<210> 2374
<211> 380
<212> DNA
<213> Homo sapiens

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```

<400> 2374

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cgttgctgtc	ggaggtcccc	tgggccccgc	ctgaaggatc	agaggcagca	gaggaggcag	60
ccccagtg	cgcgatgccg	tcagcccgcc	ccccctcgcc	gccactgtca	agctgggagc	120
gggtgtcagc	gctcatggag	gaggaccctg	ccttcctctg	tggctcgtctt	cgctgggtca	180
agcaggagca	gctacggctg	cagggaactg	agggtctctg	gggcgggggc	ggggggctgc	240
gcaggccccc	agccccgttt	gtgccccctc	acgactgcac	gctacgtctc	cccttcaaga	300
gcaaccccc	acaccgggag	tcttggccag	ggatggggag	cggggaggct	ccaactccgg	360
tccaaccccc	tgaggaggcg					380

<210> 2375

<211> 373

<212> DNA

<213> Homo sapiens

<400> 2375

cgttgctgtc	ggcccgccact	gtcaagctgg	gagcgggtgt	cacggctcat	ggaggaggac	60
cctgccttcc	gtcgtggtcg	tcttcgctgg	ctcaagcagg	agcagctacg	gctgcaggga	120
ctgcagggtc	ctggggggcct	ggggcggggg	ctgcgcaggc	ccccagcccc	ctttgtgccc	180
cctcacgact	gcaagctacg	cttccccctc	aagagcaaac	cccagcacgc	ggagtcttgg	240
ccagggatgc	ggagcgggga	ggctccaact	ccgctccaac	ccccgagga	ggtaactccc	300
catccagcca	ccccctgccg	cgggcctccg	agtcgccgaa	ggtccacca	tcccccgagg	360
aactccctgg	atg					373

<210> 2376

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2376

attacagtac	agaagaaagt	gagtcagtgg	tgggagagac	tcacaaagca	ggaaaagcga	60
ccactgtttt	tggctcctga	ctttgatcgt	tggctgggat	aatctgatgc	ggaatggag	120
ctcagagcta	aggaagaaga	gcgcctaaat	aaactccgac	tggaaagcga	aggctctcct	180
gaaactctta	caaatcttaag	gaaaggatag	ctgttttatg	ataatcttgt	gcaattcttg	240
tgattctcct	ggatccttgg	caacctgact	gtgcgattct	gtatcttggg	aaaagagtcc	300
ttttatgaca						310

<210> 2377

<211> 426

<212> DNA

<213> Homo sapiens

<400> 2377

cgttgctgtc	gggaggaggga	ccctgccttc	cgctgtgggc	gtcttcctgt	gctcaagcag	60
gagcagctac	ggctgcaggc	actgcagggc	tctgggggcc	ggggcggggg	gctgcgcagg	120
ccccccagccc	gctttgtgcc	ccctcacgac	tgcaagctac	gcttccctct	caagagcaac	180
ccccagcacc	gggagctctg	gccagggatg	gggagcgggg	aggtcccaac	tcctgtccaa	240
ccccctgagg	aggtcaactcc	ccatccagcc	accctgcgcc	agctccccga		300
aggtcccccc	atcccccgag	gaactccctg	gatggggggg	gccgatcccc	gtgaaggggt	360
tctgcacagc	ctgaacccca	gpaactccag	cccaaaaagc	acaactctta	tcgccagcca	420
cccat						426

<210> 2378

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2378

ggacacatca	gccccaggag	tactagaggc	acaaatatgc	cagctacctt	tgacattttg	60
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gcagggggat	acgatggcca	atattatgga	tatcttttga	gtgaagtatt	ttccatggat	120
atgtttttaca	gctgttttaa	aaaagaagg	ataatgaatc	cggaggttgg	aatgaaatac	180
agaaaccttaa	tcctgaaacc	tgggggatct	ctggacggga	tggacatgct	ccacaatttc	240
ttgaaacgtg	aggccaacca	aaaagcgctc	ctaattgagta	gaggcctgct	tgctcccgga	300
actggggaac	tttgggagcc	gggcatgtct	ggaggaatag	tcgaaatccc	catg	354

<210> 2379

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 2379

ggatgcgtag	acgcacgtgn	tnnttgagga	gacccctcca	taocgcgcgg	tgcttttttg	60
gccgaagcgg	tctacgtgtg	agataaacacg	acagaggggg	agcccatgga	gtactaaaagg	120
cacaaatatt	ccagctacat	ttggacattt	ggcaggggga	tacgatggcc	aatattattgg	180
atattctttg	agtgaagtat	tttccatgga	tatgtttttac	agctgtttta	aaaaagaagg	240
gataatgaat	ctggagggtg	gaatgaaata	cagaaaccta	atcctgaaac	ctgggggatc	300
tctggacggc	atggacatgc	tcacaaat	cttgaaacgt	gagccaaacc	aaaaagcggt	360
cctaagtgtg	agaggcctgc	atgctcgtg	aactggggat	ctttggtagc	cgctccatgtc	420
tggaggacaa	gtcgacatca	ccatgtgttt				450

<210> 2380

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2380

catcgatctg	aattccgttg	ctgtgcgcca	cctctactgt	ttgaaaaaat	acatcggtga	60
tttctaatg	gaaaatgggt	caataacttc	tatccggagt	gaactgattc	catattttagt	120
gagaaaaacg	ttttcctcag	cttctccaca	acaggggaca	gaagaaaaag	aggaggatct	180
aaagaaaaag	gagctgaagt	ccttagatat	ctacagtttt	ataaaaagaag	ccaatacaact	240
gaacctggct	cctcatgatg	cctgctggaa	tgctgtgcga	ggagacaggt	gggaagactt	300
gtccagatca	cagggtgcgt	gctatgtcca	catcatgaaa	gaggggctct	gctctcgagt	360
gagcacactg	ggactctaca	tggaagcaaa	cagacagggtg	cccaaatgct	tgtctgct	418

<210> 2381

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2381

cggtgtgtct	ggaaatcaac	tgtaagtgtc	taaagacatt	gtctgtctct	gaggatagaa	60
gtatctgtct	cgagccaaga	cttcattttg	atggcaaaata	catgtgtctg	agttcagcac	120
tttgtctctc	ccagtgggac	tttgcagatt	atgatattct	cagggctcatc	aagactcctg	180
agatagcaaa	cttggccttg	cttggccttg	gagatatctt	tgccctgtctg	tttgacaacc	240
gctacctgtc	catcatggac	ttgcggacag	agagcctgat	tagtctgtgtg	cctctgccag	300
agtcacagaa	atcaaaagaa	ggctcaagct	tcttgccagg	cgaaagcatcc	tggtctgaatg	360
gactggatgg	gcacaatgac	acgggcttgg	tctttgccac	cagcatgg		408

<210> 2382

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2382

cggttgctgtc	gccggagccg	aaacaccggt	aggagcgggg	agggtgggtac	tacacaacccg	60
tctccagcaa	tgaccaatga	agctggagct	cctcggccta	tgataactca	tattgtataac	120
cagaacttca	aatcctatgc	tggggagaaa	attctggggac	ctttccataa	gcgcctttcc	180
tgtattatcg	ggccaaatgg	cagtgggcaaa	tccaatgtta	ttgattctat	gctttttgtg	240
tttggctatc	gagcacaaaa	aataagatct	aaaaaactct	cagtattaat	acataattct	300
gatgaacaca	aggacattca	gagttgtaca	gtagaagttc	attttcaaaa	gataattgat	360
aaggaaaggg	atgattatga	ag				382

<210> 2383

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2383

gagtacagct	ctctggaaca	tgagagtga	aggggtgtga	tgagtgttt	gaagattgtc	60
acacgagcca	agttctcagc	gattgcaaa	ttcgcccttg	actatgccac	caagaagggg	120
cggggcaagg	tcaactgctg	ccacaaggcc	aacatcatga	aacttgggga	tgggttggtc	180
ctgcagtgct	gtgaggaagt	tgctgaactg	taccccaaaa	tcaaatttga	gacaatgatc	240
atagacaact	gctgcatgca	gctgggtgcg	aatccttacc	agtttgatgt	gcttgatgat	300
cccaatctct	atgggaacat	tattga				326

<210> 2384

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2384

cggttgctgtc	ggagggtgacc	aagcaattag	agggtgataac	agcccaagac	actgtaatta	60
aagctaaata	tgagaagtg	gcacaaacaca	aggagcaaaa	caatgatctc	cagcttaaaa	120
ttaagggaatt	agaccacaac	atcagcaaac	ataaacggga	ggctgaagat	gggtgctgca	180
aggatcccaa	aatgtttgaa	gattatgact	ggattaatgc	agagagacac	ctctttgggc	240
aacccaatag	tgcttatgat	ttcaaaaacta	acaaccctaa	agaagctggg	cagagacttc	300
agaagttgca	agaatagaag	gagaaactag	gaagaaatgt	caatatgaga	gctatgaatg	360
tattgacaga	agctgaagag	cgatacaatg	acttgatgaa	gaaa		404

<210> 2385

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2385

cggttgctgtc	gctttgtgac	aacagtttag	gacttatctc	tgagaatctg	gaaacatggg	60
gaatgtgctc	aaactatccg	acttccagct	cagttctatat	ggtgctgctg	tgtgctcgac	120
aatgggtgaca	ttgtgggtgt	gatggcatta	ttagagtgtc	tacagaatca	gaagatcgaa	180
cagcaagtgc	tgaagaaatc	aaggcctttg	aaaaagaact	gtctcagcga	accattgatt	240
ctaaacttgg	gactttaggg	gacatcaatg	ctgcagcagc	gaacatctta		300
atgaacctgg	tactagagaa	ggacagactc	gtctaatcag	agatggggag	aaagtgcgaag	360
ctctatcagtg	gagtggttagt	gaaggggag				388

<210> 2386

<211> 391

<212> DNA

<213> Homo sapiens


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<400> 2386
cggttgctgtc gaaaaatttgt taaccagaa gatgttgcca gactgatatt tagtaaaatg      60
aaagaaacgg cacattctgt attggggtcga gatgcaaatg atgtagttat tactgtcccg      120
tttgatttttg gagaaaagca aaaaaatgct ctgggagaag cagctagagc tgctggatttt      180
aatgtttttgc gattaattca cgaacccgtct gcagctcttc ttgcttatgg aattggacaa      240
gactccctca ctggaaaaag caatatatttg gtgtttaagc ttggaggaaac atccctatct      300
ctcagcgtca tgggaagttaa cagtgggaata tatcggttc tttcaacaaa cactgatgat      360
aacatcgggtg gtgcacattt cacagaaacc t                                     391

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<210> 2387

<211> 340

<212> DNA

<213> Homo sapiens

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<400> 2387
gagtagacgct ctctggaaca tgagagtgcga aggggtgtga ttgagtgttt gaagattgtc      60
acacgagccca agtctcagcg gattgcacaa ttccgctttg actatgccac caagaagggg      120
cggggcaagg toactgctgt ccacaaggcc aacatcatga aacttgggga tgggttgttc      180
ctgcagtagct gtgaggaggt tgctgaactg tacccttttc tcaaaattga gacaatgatc      240
atagacaaact gctgcacgca gctgggtgcaa aatccttacc agtttgatgt gcttctgatg      300
cccagtcctct atgggaacat tattgacaat ctggctgggtg                                     340

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<210> 2388

<211> 411

<212> DNA

<213> Homo sapiens

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<400> 2388
cggttgctgtc ggattctgaa aagttaattc ctgtaccaat ggtgggtttt aaggaaacttc      60
tcggaagact gaagggttcaa gatcagatga ctaagcagca tcaaacagca ttagatatca      120
tatctgaaga tattagtgag ctacaaaaga atcaaaactac atctgtagcc aaaaattgcac      180
aatacaagag gaaactctatg gatctttccc atagaacttt acaggttccca atcaaacagg      240
aaatttcaag gaagagtgtgt tatgccattc aggtctgatga agagcaggtg cgagttcagc      300
tggatcacgt tcaggggtgaa ctaaatgcac ctactcagtt caagggccga ctaaaatgaat      360
tgatgtctca aatcaggatg cagaatcatt ttggagcagt cagatctgaa g                                     411

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<210> 2389

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(442)

<223> n = A,T,C or G

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<400> 2389
tcgattcgaa ttccgttgtc gtcgatgcta tgccttcacc accagagggg caaactgttt      60
tggatggctc ggagttcagg gtgtcccttaa gaaataacctg gaaagaaaaac ctaactgaac      120
ttagtgggtgt tcagaggtct ttagtggcct tgctcattaa actgtccatg ctctctcttca      180
aacctgctcc aattttatct ctgtgatgag tagatgcagc ctgtgatctt tctcataccc      240
aaaaacttgg acagatgctg cgtactcatt tcacacattc tcagttcatt tgggtgtcac      300
taaaagaagg tatgttcaac aatgcaaacg ttcttttcaa aaccaagttt gtggatgggt      360
ttctcacagt agccagattt actcaatgct aaaaatggaaa gatttcatag gaagcanaat      420
ccaaggcaga accaccana gg                                     442

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<210> 2390

<211> 408
 <212> DNA
 <213> Homo sapiens

<400> 2390
 cgttgctgtc gggacttttg gtctattttt tctactcttt tgcttggtgc taatgctatg 60
 cttgcaccac cagaggggtca aactgttttg gatggctctg agttcaagggt tgcccttagga 120
 aataacctga aagaaaacct aactgaactt agtggctgtg agaggtcttt agtggccttg 180
 tcatataatc tgtccatgct tctcttcaaa cctgctccaa tttatatcct tgatgaggta 240
 gatgcagcct tggatctttc tcatacccaa aacatgggac agatgctcgc tactcatctt 300
 acacattctc agttcattgt ggtgtcacta aaagaaggta tgttcaacaa tgcaaacgtt 360
 cttttcaaaa ccaagtttgt ggtggtgtt tctacagtag ccagattt 408

<210> 2391
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 2391
 ctggactgaa atataaacca gtgactaacc aggttgagtgc tcaaccatac ctacacacagg 60
 agaaaactgat ccagttactgc cactccaagg gcatcacogt tacgggectac agcccccttg 120
 gctctccgga tagaccttgg gccaaagccag aagacccttc cctgctggag gatcccaagg 180
 ttaaggagat tgctgcaagg cacaaaaaaa ccgcagccca ggtttctgatc cgtttccata 240
 tccagaggaa tgtgattgtc atcccccaag ctgtgacacc agcacgcatt gttgagaaca 300
 ttcaggtctt tgacttttaa ttgagtgtg aggagatggc aaccatactc agcttt 356

<210> 2392
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2392
 cgttgctgtc ggtccggagt ataggaatat gcagaaatag gatatgatgt ttcagcttct 60
 ccgaggtctg gactttcttc attcacaccg agtagtgcac ccgcatctaa aaccacagaa 120
 tagttctggg accagcagcg gacaaaataaa actcgctgac ttccggccttg ccgcactcta 180
 cagtttccag atggctctaa cctcagtggt cgtcacgctg tggtagagag caccogaagt 240
 ctgtgtccag tccagctacg ccacccccgt ggtatctctg ttgtgttggt gcataatttgc 300
 agaaatgttt cgtagaagac ctctttttcg tggaaagtcca gatgtgtgatc aactaggaaa 360
 aatcttggac gtgattggac tcccaggaga agaagactcg 400

<210> 2393
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 2393
 gcacttccag atcgagaagc tcttgaacaa acctcgactg aaataataac cagtactaa 60
 ccaggttgag tgtcaccat acctcacgca ggagaaactg atccagttact gccactccaa 120
 gggcactcacc gttacggcct acagccccct gggctctccg gatagacctt gggccaaagcc 180
 agaagacctt tccctgctgg aggatcccaa gattaaggag attgctgcaa agcacaaaaa 240
 aaccgcagcc caggttctga tccgtttcca tatccagagg aatgtgattg tcatcccaaa 300
 gtcgtgtgaca ccagcacgca ttgttgagaa cattcaggtc ttgacttta aattgagtga 360
 tgaa 364

<210> 2394
 <211> 436
 <212> DNA

<213> Homo sapiens

<400> 2394
atccatcgga ttttcaaaag gacgtaatac tccactgtgc gacagctttg ttttccggaa 60
agtctcgaagc ttgctagggg gaaatattcg tctcctgttg cgtggaggcg ctccactttc 120
tgcaacacag cagcgattca tgaacatatg tttctgctgt cctgttggtc agggatacgg 180
cctcactgaa tctgctgggg ctggaacaat ttccgaagtg tgggactaca atactggcag 240
agtgggagca ccattagttt gctgtgaaat caaatataa aactgggagg aaggtggata 300
ctttaatact gataagccac accccagggg tgaattctt attgagggcc aaagtgtgac 360
aatgggggtac tacaaaaaat aagcaaaaac aaaagctgat ttctttgaag atgaacatgg 420
acaaagggtg ctctgg 436

<210> 2395

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2395
cgttgctgtc ggcaagtgtc gaagaaatca aggcttttga aaaagaactg tctcacgcaa 60
ccattgattc taaaactggc gatattagggg acatcaatgc tgagcagctt cctggggagg 120
aacatcttaa tgaacctggg actagagaag gacagactcg tctaactcaga gatggggaga 180
aagtgcgaag cctacagtggt agtggttagtg aaggagggtg gataaaaaat ggtgatgttg 240
ttgggtcctc tgggtgcta cagcaaacat ctggaaaaag tttatatgaa gggaaagaat 300
ttgattatgt tttctcaatt gatgtcaatg aaggtggacc atcatataaa ttgccatata 360
ataccagtga tgacctgtg tn 382

<210> 2396

<211> 429

<212> DNA

<213> Homo sapiens

<400> 2396
tcccatcgat tcgaattccg ttgctgtcga tgttctagaa ttaagtgtcg agcttgtctg 60
tctttctcac ggatgcgcga ttggttactc ttcaccacag actttagcag atcagttctc 120
aaaaattaaa aaagggaagca aaggggatcac atccatgttg aaaccaaac tgatggcagc 180
agttccggaa atcatgggat ggatctcaca aaatgtcatg aataaagtca gtgaaatgag 240
tagttttcaa cgtaatctgt ttattctggc ctataattac aaaatggaac agatttcaaa 300
aggacgtaat actccactgt gcgacagctt tgttttccgg aaagtgcgaa gcttgcctagg 360
gggaaatatt cgtctcctgt tgtgtgggtg cgtctcactt tctgcaacca cgcagcgatt 420
catgaacat